THE AMERICAN ARCHITECT AND BUILDING NEWS.

VOL. XXXVIII. Copyright, 1892, by TICKNOR & COMPANY, Boston, Mass. No. 888.

Entered at the Post-Office at Boston as second-class matter.

DECEMBER 31, 1892.

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ARCHITECTS and engineers should know more of the work that is being done in their behalf by the Forestry Division of the Agricultural Department, at Washington. We have made many references to the interesting and important reports of Mr. B. E. Fernow, the Chief of the Division, on the timber resources of the United States; and the special investigation now in hand will be of still greater value to the profession. This special investigation, which is in charge of Prof. J. B. Johnson, of Washington University, St. Louis, consists in testing the strength, under a great variety of conditions, of various sorts of native timber. The experiments are made in the Testing Laboratory of the University, and the results are to be published in a series of bulletins. Between five and six thousand tests have already been made, but, except the preliminary report, describing the proposed method of investigation, no bulletins have yet been issued, it being considered desirable to delay until a large number of tests had been made, so that the bulletins might be arranged on a regular plan, giving the greatest facility of comparison. So far, the experiments have been confined to the Long Leaf, or, as it is called in the East, the Georgia Pine, the Short Leaf and Loblolly Pine, all Southern Trees, Wisconsin White Pine, and a large number of Southern varieties of Oak. Thirty-two trees of Long Leaf Pine from Alabama alone have been tested, and specimens of the same tree from other Southern States are to be tried, so that the effect on the timber of various conditions of growth will be thoroughly investigated. Among other things, the effect of tapping this timber for turpentine has been studied. It is the general belief of architects that Georgia pine timber, which has had the turpentine extracted from it, by the ordinary process of tapping, is brittle and unreliable, and such timber is often expressly excluded by their specifications. On the other hand, the dealers claim that no inspector can tell the difference between the bled timber and that in its natural state, and the two sorts are said to be shipped indiscriminately from the Southern saw-mills. One of the bulletins is to be devoted entirely to this tree, and the tabulation of the results of the experiments on this point will be of great interest. Besides the tests for strength, it is intended to make extensive experiments in regard to the seasoning and preservation of the different sorts of timbers. The bulletins, giving the results of the work, will probably, like public documents of other sorts, be furnished free of charge to those whose professional position entitles them to claim such information, but, unfortunately, the appropriation is this year very small, only four thousand dollars, and the Department will be seriously hampered in its important undertaking, unless Congress should, at the present session, vote additional funds.

IF, as we are often told, our mechanicians are the most inventive in the world, it seems as if it were time for some of them to bestir themselves for the improvement of the "penny-in-the-slot" machines, in which we are far behind the rest of the civilized world. We have, it is true, the National Company's weighing-machines, which show a person's weight at an expense of one cent, and one sees here and there apparatus for the distribution of minute pieces of candy, at the same price, and of accident insurance tickets, at a higher one, but these advantages, with that of listening for a limited time to the buzzing of a phonograph, are about all that can be procured here by automatic means. In London or Paris much more is to be had. In Paris, particularly, not only candy but beer, hot coffee and hot wine are automatically dispensed in all public places, at ten centimes per portion, and the variety of commodities retailed in this way increases almost daily. One of the latest automatic machines has a curious history. In cold weather, it used to be common for the Paris hackmen to attract customers by warming their carriages with little charcoal furnaces. The police officials took it into their heads one day that this proceeding involved the risk of suffocating passengers, and issued an order, in the middle of last winter, prohibiting the use of the charcoal heaters. Naturally, the people who were now compelled to shiver in the cheerless vehicles cast about for some way to procure a substitute for the stoves, and it occurred to one of them, M. Robin, that if a supply of hot water could be placed at the service of the hackmen the carriages might still be warmed, without infraction of the police regulation. The simplest manner of delivering the hot water to the drivers appeared to him to have it distributed by a penny-in-the-slot machine, and he devised one which proved perfectly practicable. While he was at work on his invention the police authorities revoked their order about the stoves, or rather, suspended the execution of it, in deference to the numerous protests which reached them; but M. Robin's apparatus proved so satisfactory, and its usefulness to the public generally seemed likely to be so great, that, on its completion, it was decided, not only to place a hot-water distributor at every cab-stand, at the expense of the city, but to place similar ones in every quarter of the city, for the use of housekeepers, mechanics and other persons who often need a little hot water, but find it very inconvenient to heat it for themselves.

M. ROBIN'S apparatus consists, as it is set up in the Paris streets, of a short cast-iron column, at the foot of which, on one side, is a niche, large enough to hold a pail, and above the niche a cup-shaped hollow, in the middle of which appears a handle, or rather a button, with a rather long stem. Over the button is a slot large enough to receive a copper five-centime piece, with an inscription giving directions for using the machine. The process of getting a pail of hot water is very simple. A pail, or other receptacle, is placed in the niche. A five-centime piece (one cent) is dropped into the slot, and the button is then pushed, whereupon a stream of boiling water runs into the pail. After eight quarts have been delivered, the flow ceases, and no more can be obtained without dropping in another cent. The mechanism by which the coin is made to open the valve seems to be new. The stem of the button passes into a little box wide enough, and high enough to contain the coin on edge, and about twice as long as the diameter of the piece. From the farther end of the box projects another stem, exactly in line with the stem of the button, and separated from it by a distance equal to the diameter of a five-centime piece. This second stem actuates the valve. The exterior slot communicates with the box, and, when a coin of the proper size is dropped in it falls into the space between the two stems, so that, by pushing one, by means of the button, the other is moved and the valve opened. The valve discharges, by means of a siphon, about a quart of water into a cup beneath. This cup is placed at the end of a lever, and the weight of the water moves the lever, opening two valves, one in the main water supply-pipe, and the other in a gas-pipe. The water thus admitted flows through a spiral copper pipe, and the gas issues, through a burner which mixes it with air, into the interior of the same spiral, where it is lighted, by means of a small flame, kept constantly burning, and heats the water passing through the spiral. Half a minute only is

required to raise eight quarts of water from ordinary temperatures to the boiling point, and the time may be reduced, where customers are plenty, by altering the proportion between the gas and the water supply. The quantity of water and gas passing through the pipes is determined by the cup at the end of the lever, which has an opening in the bottom. The water poured by the siphon into the cup runs out through this opening, the size of which can be regulated by a screw. When most of the water has escaped, the force at the end of the lever becomes so far reduced that the lever rises, with the help of a spring, and both the gas and the water are turned off. Meanwhile, the coin between the two stems, in the little box, as it is pushed inward by the button, comes over an opening in the bottom of the box, which communicates with the cash receiver. On reaching this point, it drops out, falling into the cash-box, and leaving the two stems, which now return, by the pressure of springs, to their normal positions, separated from each other, so that pushing one will not actuate the other until a new coin is dropped between them.

THE machines cost four hundred dollars apiece, and are owned by a stock company. The company pays about eighty cents a thousand feet for gas, a reduction from the regular price being allowed it by the municipality. Water is paid for at the rate of about eight cents per hundred gallons, and meters, both for water and gas, are placed in the column. Supposing that each apparatus will be called upon for forty pails of water a day on an average, which is about the company's estimate, the cost of water will be two cents, and of gas about fourteen and one-half cents. This gives sixteen and one-half cents for cost of these items, out of forty cents gross receipts. The expense of attendance will be something, but it is expected that a certain income can be derived from displaying advertisements on the outside of the columns, so that a considerable profit will be derived from the investment.

IF we were called upon to devote ourselves to the construction of a new "nickel-in-the-slot machine, we should certainly begin by attacking the problem of an apparatus for the distribution of pie. The hot-coffee machine, though as yet unknown here, is not new abroad, and, next to this, we know of nothing of the kind which would impart so much satisfaction to so many people as a neat monument, from which, on the deposit of a five-cent piece, could be extracted a hot pie, of dimensions suited to the noon-day appetite of a single person. Thousands upon thousands of pies are every day manufactured and sold in our large cities, retailing at five to ten cents each, according to size, and, at those prices, the business must be profitable. It is, however, a long distance from the pie-factory, through the baker's or confectioner's shop, to the consumer, and if this universal American luxury could be placed within easy reach of workmen at the dinner-hour, and school-children at lunch-time, the sales ought to be enormous.

ONE of the most wonderful things in the electrical department of the Columbian Exposition will be, according to *Le Génie Civil*, a model of an arc lamp which is in process of construction for the French lighthouse-service. This lamp is arranged on a novel principle, and will give, under ordinary circumstances, a light equal to that of two and one-half million gas-jets. This is nearly three times the intensity of the arc-lights of Barfleur and Belle-Isle, the most powerful yet constructed. It is unfortunate that circumstances will not admit of sending the lamp itself to the exhibition, but, that being impracticable, electricians will be glad to study, in the model, the principles of its construction.

THE *Deutsche Bauzeitung*, which has a considerable circulation among engineers, as well as architects, devotes an interesting editorial to the relative advantages of American and German railway management. It seems that the profits of the German railways have, within the last few years, very much fallen off, and the directors, in looking about for some means of saving their dividends by reducing expenses, have discovered that the American railroads are operated far more cheaply than those of Germany. As a result of this discovery, some of the German technical journals are calling for a change in their system, so as to assimilate it to the American system. The *Deutsche Bauzeitung*, however, sensibly remarks that, as the conditions in America differ greatly from those existing in Germany, it would be folly to attempt any wholesale substitution of the American for the German system, and that the most judicious course is to compare, in detail, the two methods of management, and utilize the American ideas where they can be adapted to German conditions, but without any radical remodelling of the system.

IT will surprise Americans to learn that the *Deutsche Bauzeitung* thinks the chief obstacle in the way of operating German railways on the American plan would be the impossibility of reducing the cost of labor to the American standard. "In a country," it says, "which, like Germany, devotes its extremest care to the welfare of the industrial classes, an overworking (*Ausnutzung*) of railway servants, such as exists in America, is impossible." "The German railways," it goes on to say, "cannot, on this account, so far as regards the salaries and wages of officials and employés, be so economically managed as the American roads, although it is not denied that, in many cases, a more complete utilization of the working force than at present seems permissible." Although it is true that the Government of Germany does more than any other for the welfare of working-men, it is also true that in no country are the working classes so discontented and dangerous; and this acknowledgment, that it costs more to get a certain amount of work out of gloomy, starving socialists in Prussia than it does to get the same work from the well-fed, independent American brakeman or switch-tender, has a curious interest. A similar state of things exists in relation to the cost of locomotive construction. As the German cars are infinitely inferior to ours, no useful comparison could be made as to their cost, but locomotives are about the same all the world over, and it is found that an American locomotive, although the wages of mechanics and cost of materials are far higher in America than in Germany, is sold, on an average, for about two hundred and fifty dollars less than a German locomotive of the same efficiency. Moreover, locomotives in America are built and delivered in a fraction of the time required in Germany. In an American shop, the assembling of the parts of a new locomotive takes from six to twelve days, and the machine is built and delivered complete in from four to eight weeks, while in the workshop of the Prussian State railways the last-named period is often consumed in the final hydraulic test, and it sometimes happens that a locomotive stands from nine to twelve months in the finishing-shop, undergoing testing and examination. Notwithstanding this difference, the American locomotives are as good as the German. The *Deutsche Bauzeitung* expresses one distinction between American and German management, by saying that the Americans carry out the important portions of their work, such as construction, and the designing and manufacture of rolling-stock, in the best manner possible, while the unimportant parts are more lightly passed over. Another difference is to be found in the avoidance in the United States of all useless formalities, and the system of intrusting personal responsibility to employés. In Germany, an immense amount of time is taken up in writing and sending reports from one official to another, which might be saved by simplifying railway administration, after something like the American model. Moreover, labor-saving devices are quickly adopted in America, while they are long in finding their way in Germany. For example, the telephone, which is now almost indispensable on our railways, is hardly known on those of Germany. This may be partly due to the fact that the telephone is an American invention; for a German invention, the electric motor, which is hardly used by our railway companies, is extensively employed in Germany, and with much advantage, for driving turn-tables, pumping water, and many other purposes, both along the lines and in the workshops. As one of the most important European technical journals has thus paid us the compliment of thinking that our railway management is worthy, in many parts, of imitation in Germany, we may return the courtesy by calling attention to the fact that in the matter of stations, particularly terminal stations, this country is, as yet, far behind nearly all European countries. In Germany, particularly, several immense terminal stations have recently been erected, which are models of their kind, and it is to them that our railway architects will, for many years, turn for examples.

OFFICE-HELP FOR ARCHITECTS.[1]—V.

Designed by Daniel Marot. From *Der Formenschatz.*

SECTION XII. —STEEL:

§ 126. Composition: — Iron containing from 0.2% to 1.2% of carbon. The dividing line between cast-steel and wrought-iron is not well defined, and the only sure tests are to place a a drop of diluted nitric acid on the metal; if it makes a greenish stain it is wrought-iron, if a black spot, it is steel: or to heat the metal to a high temperature, and then plunge it into cold water; if the metal hardens, it is steel; if it does not, it is wrought-iron. If it hardens, it should be again heated to a temperature far short of redness, and when cooled in the air it should be very elastic. Cast-iron when heated and suddenly cooled becomes very hard, but on reheating it does not become elastic.

§ 127. Kinds: — Steel is termed "mild steel" when it contains about 0.2% of carbon. Rail steel contains about 0.3% of carbon. Tool steel contains from 1% to 1.2% of carbon. Steel is also named in accordance with the process by which it is manufactured. Provided the steel complies with the requirement of the tests, it may be made by either the acid or the basic processes.

§ 128. Manufacture: — (*a*) *Cementation* is the heating of bar iron (containing practically no carbon) in a closed chest with charcoal until the proper amount of carbon is absorbed. After the iron has acquired the proper amount of carbon, it is cooled very slowly. On its surface are formed bubbles or blisters of considerable size, whence the name "blister steel."

(*b*) *Blister Steel* is improved in quality by being heated and then worked under a steam hammer. It is used for making tools that require great toughness and do not require great hardness.

(*c*) *Cast-steel* is made from blister steel by breaking this into pieces of about egg size and putting about 30 pounds of it into a crucible of fire-clay and black-lead tightly covered. In this the steel is melted.

Cast steel is also made in large quantities in a Siemens regenerative-furnace.

(*d*) *Bessemer Steel* takes its name from the inventor of the process, which is as follows: The best grade of pig-iron is melted in a separate furnace, and then poured into a large wrought-iron vessel lined with fire-clay. An air-blast is introduced which burns out all of the carbon. As soon as this is effected the flame issuing from the converter changes color, and then a certain proportion of carbon is added, well mixed through, and the molten steel is then run into ingot moulds. The subsequent processes of manufacture of steel into commercial shapes are in manner very similar to those employed for wrought-iron, except that the ingots are usually worked while still hot and do not require to be piled.

Mild steel should be used altogether for structural purposes.

§ 129. Characteristics: — Of the two general classes of steel, we use only one in construction, viz.: mild steel, since that possesses in a high degree ductility, elasticity, homogeneity and strength.

All steels possess the property of tempering, which increases elasticity and strength; but it is commercially impossible at present to temper large masses, such as are used for buildings. Cast-steel could also be advantageously used in many works were it not so very expensive to produce homogeneous, sound castings.

Mild steel when fractured by tensile stress draws down at the point of fracture, and shows a finely granular surface, very similar in general characteristics to wrought-iron; if fractured very severely, the surface will be fibrous. It rusts rapidly when unprotected and exposed to alternations of dampness and dryness, and should therefore be at once protected by some one of the usual processes.

Its resistance to all stress is greater than that of any other material. When drawn into wire its tenacity is greatly increased.

The addition of certain foreign substances changes its behavior considerably. Thus 0.05% of silica causes steel to solidify without bubbling or agitation.

A small proportion of manganese makes the steel tougher and easier to weld and forge.

A small percentage of chromium nearly doubles the tenacity of steel, especially in wire.

Sulphur injures the steel making it very brittle at a red heat.

"Steel possesses the property of showing in its granular structure the way in which it has been treated so that the engineer can form an idea as to its compliance with the conditions imposed by the specifications.

"If the fracture shows a uniform grain throughout it has been subjected to a uniform heat and a uniform working.

"If the grain be coarse and lustrous, of a yellowish cast, too high heat is indicated.

"If it be fine, lustreless and steely blue or gray, a proper heat has been used.

"If it be fine and black, or of a decided blackish cast, it has been worked too cold.

"If the grain be decidedly uneven, the piece has been heated unevenly, or worked unevenly, or both. In this case injurious strains in the mass are inevitable.

"If the outside be fine-grained and the centre part be coarse-grained and fiery, it shows that the last heat was too high, too quick and superficial.

"If the corners be coarse and fiery and the body of the piece of proper grain, it shows carelessness in heating, allowing the corners to run up much hotter than the body.

"Many of these defects can be remedied by heating the piece to a medium orange color and then allowing it to cool slowly."[2]

§ 130. Tests: — Steel for structural purposes should conform to the following requirements: Test-pieces $\frac{3}{4}''$ diameter, $12''$ long, truly round, when subjected to tensile stress should develop an ultimate strength of 60,000 pounds per square inch. Elongation of 20%: reduction of area of 40%: variation permitted about 6%.

The finished material should be free from flaws or cracks, must be neatly finished, and in cross-section and weight must be within $2\frac{1}{2}$% of that specified.

§ 131. Uses: — For all the structural portions of a building subjected to tension, compression or transverse stress, steel furnishes the best and strongest material and should be used. In the form of sheets covered with tin it is used for roofing, etc., and in sheets, galvanized and rolled into various shapes or stamped, it is used for cornices, gutters, leaders and the like.

§ 132. Preserving: — The usual and most practicable method for ordinary construction is painting [treated of hereafter]. For foundations and the like, in addition to the painting, it should be rendered with hot asphaltum applied after the material is in place, the coating completely covering it.

SECTION XIII. —BRONZE:

§ 133. Composition: — An alloy of copper and tin in various proportions, with, sometimes, the addition of certain other substances.

§ 134. Kinds: *Speculum-Metal*, used for a very high grade of mirrors, for physical instruments, composed of $66\frac{2}{3}$% copper, $33\frac{1}{3}$% tin; sometimes 3.3% arsenic is added.

Bell-Metal, used for bells. The proportions of tin and copper vary according to size of bell. After casting, the bell is heated to redness and quenched in water to make it somewhat malleable and less brittle; it is then again heated and allowed to cool slowly to improve tone.

Gun-Metal, formerly used for guns, for grilles, gates, railings, etc., composed of 90.5% copper, 9.5% tin.

Bronze is made in many different proportions for different uses, and to obtain different effects of color.

Box-Linings for shafts, etc., composed of copper 80%, tin 18%, zinc 2%.

[1] By George Hill, Consulting Engineer. Continued from No. 886, page 178.

[2] Extract from report of Prof. J. W. Langley.

Valves and Cocks (Steam Metal): — Copper 88%, tin 10%, zinc 2%.

Nails: — Copper 87%, tin 9%, zinc 4%.

Aluminium-Bronze: — Copper 90% to 95%, aluminium 5% to 10%: possesses great ductility and strength.

Phosphor-Bronze: — Copper, tin, and phosphorus, used for the lining of shaft boxes, etc., wearing better than bronze.

Babbit-Metal: — Tin 66.7%, copper 11.1%, antimony 22.2%: used for lining shaft-boxes.

There is a variety of other alloys and variations of the above, and a good list of them with their compositions will be found in Haswell, page 635.

§ 135. Characteristics: — Vary greatly with the compositions and to obtain any definite result some expert chemist or founder should be consulted, or a sample given on which to base estimates.

SECTION XIV. — BRASS:

§ 136. Composition: — An alloy of 66.7% copper with 33.3% of zinc by weight.

§ 137. Kinds: — There is a large variety, varying in color, characteristics and proportions, according to the use to which it is intended to be put. [See Haswell, pages 634, 635 and 636.]

§ 138. Characteristics: — For special uses, an expert opinion must be obtained. To prevent it from tarnishing, it should be varnished with shellac dissolved in spirits, colored with saffron, annotto, dragon's-blood, etc., to give it a golden hue. To bronze it, brush over it a solution of white arsenic or corrosive sublimate; to obtain the desired shade the application requires considerable skill and experience. To tin brass, boil it with granulated tin, water and cream of tartar.

Ordinary brass becomes much weakened by continued vibration and should not be used for the supporting chains of chandeliers and the like.

To render it malleable, use the proportion of 60% copper, 40% zinc.

SECTION XV. — TIN:

§ 139. Composition: — A metal usually found as an oxide.

§ 140. Manufacture: — After being mined, the ore is washed to remove earthy impurities, sorted to remove as many other impurities as possible, pulverized, washed again, and the washing-water run into vats to allow the pulverized tin ore to settle; then it is roasted, washed again, to remove impurities and then smelted. The smelted tin is run into pigs and subsequently refined.

§ 141. Characteristics: — Tin is practically unaffected by oxidation and is not attacked by weak acids. It is very malleable, creaks when bent, and is the most easily fused metal in common use. Is much employed as a protecting coating for iron, steel, copper, and brass. Architecturally, its principal uses are in the manufacture of plates for roofing purposes and hot-air flues, and the lining of copper plumbing goods.

§ 142. Tin-Plate: — Is made by dipping high-grade charcoal-iron plates or steel plates, rendered absolutely clean and bright, into a cast-iron pot containing melted tin which forms an alloy of tin on the surface. One ounce of tin usually covers a plate 14″ x 20″. The dipping requires great care and the durability of the plate depends largely on this care, since if the surface is punctured so as to expose metal below oxidation is very rapid.

No plate should be used that does not bear the stamp of some well-known make and the coating should be so thick that a shaving at least 1″ long can be taken up with the end of a sharp knife. I. C. tin-plates should weigh 50 pounds net per 100 square feet. I. X., 62½ pounds net per 100 square feet. Usual size and number are as follows: I. C. 14″ x 10″, 225 in box, weight 112 pounds, or 14″ x 20″, 112 in box, weight 112 pounds.

I. X., 14″ x 10″, 225 in box, weight 140 pounds, or 14″ x 20″, 112 in box, weight 140 pounds.

For fair work, I. C. should be used, but for first-class work, I. X. All tin-plate flashings should be painted on underside before being set in place and should be painted on the upper side three heavy coats about two weeks after erection and then painted one coat every second year thereafter. Tin or terne plates should be prepared for painting by dipping a piece of cotton waste in benzine and wiping the surface of the plates, using one gallon of benzine per one thousand square feet of surface. The use of the benzine must be carefully restricted to guard against fire.

Terne-Plates: — Are made similarly to tin-plates, but are covered with an amalgam of lead instead of tin. They are tested and treated in the same way as tin-plates, but are usually 14″ x 20″ in size, weighing 112 pounds per box for I. C. and 140 pounds for I. X. Their powers of resistance to oxidation are not as great as those of tin-plates, and their use should be restricted to the cheaper grades of work. Merchant & Co's "Camaret" plate is a terne-plate and their "Old Method" a tin-plate.

SECTION XVI. — LEAD:

§ 143. Composition: — A metal, most abundantly found as a sulphurate.

§ 144. Manufacture: — The ores are sorted, broken up, washed and smelted in manner similar to tin.

§ 145. Characteristics and Uses: — Lead is very soft, plastic and is acted on slowly by pure air but very rapidly by the rain-water and impure air of cities.

Its plasticity makes it a good material for the plumber's use in buildings, for lining tanks, sinks, etc., and for flashing under certain circumstances. It also makes a most excellent covering for under-ground cables, being forced around the cable as a continuous jointless envelope of any desired length. For pipes to convey water under pressure of forty pounds per square inch, and over, the weight should be that commercially known as "A A." For pressure less than forty pounds per square inch "A"; and for waste-pipes "D." [See Tables of Lead Pipes.]

SECTION XVII. — COPPER:

§ 146. Composition: — A metal found in large masses as native or metallic copper, and in combination with oxygen, sulphur, iron, and various other substances as an ore. Commercial copper is usually 93% pure for ordinary uses, and 96% pure for electrical uses.

§ 147. Manufacture: — Owing to the complex nature of the foreign substances found in copper ores, the processes are very complex, but in principle consist of the smelting of the copper ores in the presence of various fluxes which combine with the impurities, and remove them. This requires usually a number of operations. The American coppers from the Lake Superior region are unusually free from impurities, and as a consequence the cost of producing commercially pure copper is very low. It is even produced as a by-product in the extraction of silver from certain ores.

§ 148. Characteristics: — Commercially pure copper is very ductile, is not oxidized under ordinary conditions, and when so used as to be kept free from galvanic action is practically indestructible.

§ 149. Uses: — For flashings, ornamental crestings, cornices and the like, for leaders, gutters, ordinary plumbing utensils and the like, it is unexcelled but must be fastened in place with brass or copper nails or hooks. For electrical conductors, it stands alone, since its conductivity is very nearly equal to that of silver. It is also used as a lining for tanks, for ventilators, and for various ornamental uses in the interior of buildings.

It can be rolled into sheets, hammered to any desired shape, pressed into any desired form, or drawn into wires of any thickness, and used to form many culinary vessels. For many uses, it is covered with a coating of tin by removing all impurities, making it absolutely clean and bright, then a little tin and resin are melted on the surface and spread over it with tow. Two hundred grains of tin should cover one square inch of copper. Its use in various alloys has already been described under the headings "Bronze" and "Brass."

SECTION XVIII. — ZINC:

§ 150. Composition: — A metal extracted from an ore in manner similar to tin.

§ 151. Manufacture: — Is used moderately pure in sheets for flashing, being rolled out like copper for the purpose; sometimes made with a very heavy coating on a very thin iron or steel plate. In its most familiar form it is known as "galvanized-iron" being deposited on iron plates in the same manner practically as tin or terne plates are made.

§ 152. Characteristics: — When first exposed to the weather the zinc becomes covered with a thin film of the white oxide which prevents a further oxidation, unless the metal is exposed to the action of sulphurous fumes from a chimney or to the wash of rain-water from over a large city. In either case the acids in the air attack the zinc-eating it away rapidly. Sea air has the same effect. Acid woods and calcareous water are also destructive of it, and destructive galvanic action is set up when iron, copper, lead or carbon are put in proximity to it with moisture present. When pure, it is malleable at 220° and becomes brittle at 400°. Expansion and contraction are greater than for any other metal and for that reason should not be used in long lengths for flashings.

§ 153. Uses: — Where copper is too expensive and it is impracticable to get good tin plates and there are none of the destructive conditions above noted, it should be used for the covering of skylights, flashings, etc., and as galvanized-iron should be used generally for skylight-work, ventilators and the covering of roof houses and the sides of sheds and other inexpensive structures. It should be painted at least once in two years with the metal paint mentioned in § 405.

SECTION XIX. — ALUMINIUM:

§ 154. Composition: — A metal, the metallic base of clay.

§ 155. Manufacture: — Within the last two years, processes have been perfected for the manufacture of aluminium on a commercial scale, one by electric smelting, and one by chemical reduction. These processes have reduced the cost from $50 per pound to about $1 per pound with a lower price probable within a year.

§ 156. Characteristics: — Have not yet been accurately ascertained, but, generally, it may be said that aluminium 99% pure weighs about 106 pounds per cubic foot (iron weighs 480); weight for weight it is stronger than steel, is untarnished by sulphuretted hydrogen, unaffected by air or moisture and possesses very high conductivity.

When added in very small quantities to steel, it adds to the strength of the steel and prevents oxidation. Adds enormously to the strength of bronze. Is extremely ductile and malleable. Can be made as hard as the hardest steel or as soft as copper.

§ 157. Uses: — At present it has no place in architecture, except experimentally, but it will probably be used in enormous quantities as soon as its price is reduced to about twenty-five cents per pound, which may occur at any time. At the time of this writing, master minds throughout the world are experimenting to ascertain all the facts possible concerning it, and the next few years may find it used where now iron and steel are used exclusively.

Its ordinary qualities render this a consummation to be desired, since it will enable us to build metallic frames that will last throughout all time without requiring an unsleeping vigilance to see that they are protected against possible exposure to oxidation.

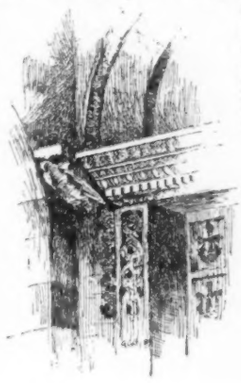
[To be continued.]

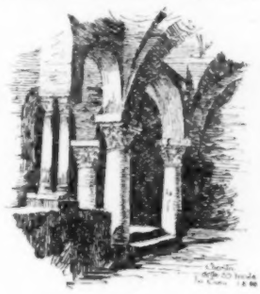
DEAD NATIONS AND LIVING ART.

ABOUT twenty-five hundred years ago, Œnotus, the last of the numerous sons of Lycaon (Lycaon was the son of Pelasgus), with a following of Pelasgians, set sail from Arcadia. They sailed to the westward around the end of Italy, between Scylla and Charybdis, then northward until they came to the country of the Ausones. There they landed and waged war with the inhabitants, overpowered them, and there they settled and built cities and towns.

About a hundred years later, the Sybarites, journeying also to the West, were attracted by the country, overcame in their turn the Pelasgians, built cities, and lived in the land of the Ausones and Pelasgi. A century again had hardly passed when the nation of the Lucani overthrew the Sybarites, and two hundred years later the Roman arms, in their widening reach, enveloped and enfolded the nation of the Lucani.

Under Roman dominion, Campania and Lucania passed through many vicissitudes. Portions of them became unhealthy, and were deserted; others rose to affluence, and were suddenly swept out of existence by the most appalling of earthly convulsions; but Roman power was the most enduring, and it was not until the sixth century that the Lombards came into the land. Hardly were they established when again the Romans, but this time the Romans of the Eastern Empire, entered, overran and garrisoned it, and from this time onward the constantly changing stream of rulers widened and hastened on its flow. From colonies, the Byzantine cities rose by revolt to republics; the Lombards succumbed to the Normans; from Africa and Sicily the Saracens ravaged Greek and Norman alike, until at last Northern valor prevailed, and the Normans overcame both Greek and Saracen. And then the terrible whirlwind of the Guelph and Ghibelline quarrel swept over the land, kindling it into fires that burned for nearly two centuries — centuries blood-stained,





cruel, vindictive, filled with all the horrors that civil and religious hatred can inspire, until at last, worn out, it sank under the growing power of Spain.

It was worth disputing, this country, perhaps the most beautiful part of the civilized world. Even now, Naples, Capri, Sorrento — are they not names to conjure with? But its claim is not alone in its beauty of landscape, of mountain and valley, of opal-colored seas and gloriously-tinted skies, of olive and orange and lemon grove and tufted pine tree — not on these alone does its claim depend. With all this luxury of nature, the land has left upon it the handiwork of those who have passed away through all the long ages since Œnotus and his Greeks journeyed here from the East — sometimes monuments of surpassing beauty and grandeur, at other times scattered bits and fragments, crumbling, disfigured, but telling of former grace and beauty.

Get yourself to the ancient city of Salerno — by rail from Rome and Naples, by sea from Leghorn, by a "tramp" fruiter from New York, by donkey-back from Pompeii or by walking from the next town — it doesn't matter how or from where you go — and, once there, take a good lunch and the first train for Pesto, the Poseidon of the Sybarites and Pelasgians, the Pæstum of the Romans.

It is a most forsaken country through which the train slowly moves: long, flat reaches of marsh filled with acres of dead reeds and cane; depressed trees, distorted and grotesque; now and then a shallow stream wandering through its gravelly bed, ten times too large for it; little clusters of low gray and white houses, squalid, decaying, picturesque, with few windows and flat-domed roofs, where dwell the descendants of nations that once swept the civilized world with their armies and fleets. The largest of these shallow streams you cross was once the Silarus, and at its mouth the ships of Pæstum made their harbor.

Away to the east, the wall of the Apennines rises in its rugged grandeur with sharply serrated crest, the only relief to an otherwise hopelessly uninviting country, and here, at Poseidonia, dwelt the Arcadians and the Lucani; and here, set upon this level expanse, looking to the mountain wall and backed by the sea, have stood for two and a half thousand years the temples which they built. To

me, this desolate, malaria-haunted waste, with its few crumbling piles of stone, is one of the most impressive sights in Italy. Wind-swept to the last degree it is in winter, and burning-hot it must be in summer. The sea, about a mile distant, seems close at hand, so low and flat is the ground, but yet so still and low is it that it hardly

seems the sea at all. Quiet is everywhere; there are no beggars' no tourist parties nor intermittent outbursts of bells, no peasants singing, only the children about the gate-keeper's house and perhaps a distant teamster moving slowly beside his team of uncouth Southern

cattle, and the rustling of the high grass and weeds in the wind — no settings could be fitter for these relics of a past age.

The Temple of Neptune at Pæstum stands to a large degree intact, as to its outside form at least; the others are more or less destroyed, the stucco with which the columns and walls were covered is nearly all gone, but there are patches of it still on column and frieze, and in some sheltered spots indications of the coloring yet remain. It seems almost incredible that a stone apparently so soft and porous could have braved the elements so long, but the delicate channellings and mouldings about the base of many of the capitals are as fresh and sharp as though but lately cut. High up on the cornice of the pediment of one of the temples some adventurous seeds have taken root and grown, while lizards scurry away into a rank growth of poisonous-looking weeds about the base.

Beside the Temple of Neptune, enough still remains of the "Basillica" — why called so, I cannot imagine — and the Temple of Ceres to make them impressive, the "Basillica" especially.

The ancient wall of the town is easily traced, and there are many scattered stones, which were very possibly bases of lesser temples and of columns. The remains of Roman dominion in Pæstum are scanty, but the country around is full of fragments that the Northern conquerors brought from the looted city, though doubtless a good deal that is supposed to have come from there might have been taken from some local Roman mines. The Cathedral at Salerno is full of "bits." At Amalfi are a half-dozen columns that undoubtedly came from there, and in nearly every little town in the region one finds some bit of work — a sarcophagus, a capital let into a wall, or a piece of frieze or column bears the unmistakable mark of Rome, and, as Robert Guiscard and his Normans made a special point of taking all from Pæstum that they could carry away, the inference is that a part, at least, are from that place.

There is plenty of Roman work, however, besides that which is at Pæstum. A little to the north the country is covered with it. Besides Herculaneum and Pompeii, those treasures of Roman art and architecture, there are, all over the peninsula that juts out toward Capri, ruins of temples, baths and palaces. There are more on the north side of the peninsula than the south, probably because, for the Romans, the region was more of a summer than a winter resort.

At Sorrento, built into a gateway on the main street, are Roman capitals which must have belonged to a large building. On the little promontories to the east of Sorrento, washed by the waves of

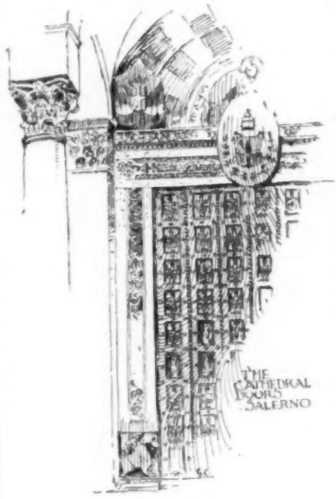
the Bay of Naples, stand great, shapeless ruins of Roman masonry, the ruins, according to local tradition, of the temples of Hercules. Some are quite submerged, others are just above the water, and in places the sea pours in and out through the great arches of long Roman bricks.

Farther on, at the extreme end of the peninsula, stood a temple of Minerva, and just around the point at Crapolla are more ruins — the remains of an aqueduct, columns and fragments of buildings. Just off the shore from Crapolla, by-the-by, perhaps a mile and a half distant, lie the Isles of the Sirens, ungainly masses of barren and scarred rock. At Capri there are more ruins, for Augustus and Tiberius covered the islands with villas and temples, of which the foundations and ruined walls still remain.

Some time in the darkness of the sixth or seventh centuries the Roman Empire of the East obtained this region — not all of it, for the Lombards retained a part to the close of the tenth century — but the greater portion belonged to or was under the protection of Byzantium. Naples and Amalfi stand out in this period as powerful republics, and all along the northern shore of the Gulf of Salerno are busy cities and trading-ports filled with merchants, sailors, warriors, artisans of all sorts gathered from all the nations of the earth, known or unknown — Greek, Roman, Jew, Lombard, Pisan, Norman.

Salerno, Vietri, Atrani, Amalfi, Naples, La Cava, Ravello — all were powerful cities, trading and fighting with the rest of the world and each other. The architecture of this period is distinctly Greek in its character. At Amalfi, the bronze doors of the Cathedral, the central portion and lintel above it, and, inside, scattered capitals, bits of mosaic and carving of the Byzantine time still remain. At Ravello, too, there are capitals on the portico of the Cathedral, and more mosaic-work inside of this same period.

At Atrani, a dirty little fishing-village a mile or less to the east of Amalfi, once probably a part of that republic, there are more of the massive bronze doors, almost exactly like those at Amalfi; and farther on, at Salerno again, in the cathedral where St. Matthew lies, these same bronze doors guard the entrance. Wonderfully and curiously wrought are they all, generally with a cross in each panel, studded with bolts and inlaid with silver — inscriptions and quaint figures of saints in delicate silver outline.



These doors and scattered bits of carving are the most noticeable relics of distinctly Byzantine work. There are but few, if any, large buildings of that epoch remaining to any degree intact. It is hardly to be expected, for the latest conqueror, were he Greek, Saracen, Norman or Lombard pillaged without mercy, and then rebuilt with the fragments; and so it is that one finds all over this land buildings that show in a single façade a half-dozen people working through a thousand years of the past.

In the latter part of the eleventh century, 1070, John Villani says: "Robert Guiscard, the second son of the Duke of Normandy, having, after the manner of young r sons in those days, his own fortune to make, entered into the service of the Duke of Puglia [Apulia], who was also named Robert, and became in a very short time his right-hand man, being especially valiant in resisting and repulsing the Saracens, who repeatedly sallied forth from Sicily and visited these shores with fire and sword at frequent intervals." This Robert, waxing rich in the service of his master, returned for a visit to his own country, says Villani, and there so fired the hearts of his countrymen with tales of the Southern land and display of riches acquired there, that with little trouble he persuaded a company to return there with him.

And hardly had they got to Puglia when Robert's master died and the people with one accord chose him to be their leader. He fought even more valiantly for himself than for his master and ere long Naples, Gaeta and Amalfi — republics they were then — had fallen before him and his Normans, and early in the twelfth century Roger his son was crowned king of Puglia, Calabria and Sicily by Pope Honorius the Second.

To these Normans fell a large share of this gathering up and putting together of fragments. Rude, unlettered, wealthy, they took that which came most readily to their hand, only caring that it should be rich and ornate — Roman capitals and carvings of the first century, Byzantine work with its spiky foliage, bronzes from Constantinople, *cosmato* work more elaborate than that of Rome, work that shows the hand of the Saracen side by side with work as purely Norman as any in Guiscard's native land.

At intervals along the south coast of the Sorrentine peninsula, from the Punta della Campanella to Salerno, you will see, perched usually on some point which shoulders high out into the Gulf of Salerno, round towers, in all stages of dilapidation. They are the watch-towers of Normans, the people say — certain it is that they are

the most characteristically Norman feature in this southern landscape. As one winds along the glorious road that the Italian government has built all around the coast of the peninsula there is always one of these towers in sight — sometimes barely to be distinguished from the rock on which it has stood for seven hundred years, sometimes sharply and clearly outlined as a black cylinder against the sky.

But as I have said, the chief work of the Norman was rather the gathering up and putting together of fragments than anything else, and so it is that the cathedrals of Salerno, Ravello and Amalfi, while they have but little to commend them in their plan and composition, are full to overflowing in variety of beautiful detail. When he did venture into creative fields his work was distinctly northern in its character. The campanile of St. Andrew's in Amalfi, for instance, belongs with its outlines as surely north of the Alps as does the Washington monument west of Boston.

A little way from La Cava, a country town which nestles in the mountain basin between Salerno and Naples — an old town with arcaded streets, with great open squares where herds of cattle are sold at auction; where the peasants from the mountains drive flocks of goats through the streets, the men eternally loafing, the women forever spinning with their distaffs — about three miles from here is the ancient Benedictine abbey of Trinitá della Cava, a monastery founded in the eleventh century. Here in the church is a magnificent ambo and paschal candlestick done in *cosmato* work, that delicate marble, glass and gold mosaic for which Rome was famous in the eleventh and twelfth centuries. And here below the level of the present church are the ancient cloisters, cut out partly from the rocky mountain side, supported by columns of all shapes and sizes. Here again are mingled with each other the works of Roman, Lombard and Norman, Greek of Constantinople and very possibly Greek of Poseidon.

But with the Normans the brightest period of this country faded, and now we are come to the time of the Guelph and Ghibelline, of Anjou and Hohenstauffen, of Church and State, when Charles of Anjou and Manfred met on the plain of Benevento where Charles conquered and Manfred died. "And in him" says Ruskin, "died all Southern Italy. Never after that day's treachery did her nobles rise, or her people prosper." And so it was. From this time on, though roused fitfully into life by some leader more bold or battle more fierce, all these cities save Naples sank into a deeper and deeper lethargy, Salerno alone with her schools of medicine keeping up a glimmer of life.

The Renaissance reached them, of course, but it was far away from the fountain head and disturbed the existing quiet but little. And so, save for the inevitable tourist, they are still. In Positano the same old women sit on the wall of the marina that sat there six hundred years ago and in the same fashion that they span then are spinning still; in Amalfi, in the valley of the mills, the same paper-mills make paper like that which Columbus used; in Salerno, at a certain nameless hotel, they will give you, if you ask for fowl, one which may have crowed or cackled at the strange sight of Œnotus and his Greeks, and in the Abbey of La Cava, a little band of Benedictine monks still chant and pray as in the days when Bohemond, the son of Robert Guiscard the Norman, preached — from the pulpit which stands there now — the first Crusade.

GEO. C. GARDNER.

THE ILLUSTRATIONS

[Contributors are requested to send with their drawings full and adequate descriptions of the buildings, including a statement of cost.]

HOUSE OF JAMES CHARNLEY, ESQ., ASTOR STREET, CHICAGO, ILL. MESSRS. ADLER & SULLIVAN, ARCHITECTS, CHICAGO, ILL.

[Helio-chrome, issued with the International and Imperial Editions only.]

CITY-HALL, CHARLOTTE, N. C. MR. G. L. NORRMAN, ARCHITECT, ATLANTA, GA.

ST. JOHN'S LUTHERAN CHURCH, PITTSBURGH, PA. MR. S. F. McCLAREN, ARCHITECT, PITTSBURGH, PA.

PUBLIC SCHOOLHOUSE, BLOOMINGTON, IND. MESSRS. KING & MAHURIN, ARCHITECTS, FORT WAYNE, IND.

THIS building is being built of stock brick and Indiana limestone trimmings, is furnished with the Smead system of heating, together with their dry-closet system, and is to cost, complete, twenty thousand dollars.

EAST CHESTER PARK HOSPITAL FOR CONTAGIOUS DISEASES, BOSTON, MASS. MR. E. M. WHEELWRIGHT, CITY ARCHITECT, BOSTON, MASS.

[Additional Illustrations in the International Edition.]

ST. GEORGE'S PUBLIC LIBRARY, HANOVER SQUARE, LONDON, ENG. MR. ALBERT JOHN BOLTON, ARCHITECT.

THIS design was recently selected in a limited competition, and the building is now in course of erection in the Buckingham Palace road, on a site presented to the parish by his Grace the Duke of Westminster. As will be seen from the plan, streets on both frontages exist, and on both sides there are buildings which preclude the possibility of obtaining light by windows on either side. The requirements being that all the principal rooms should be on the ground floor, the course adopted was to occupy the whole area, and provide top lights to some of the rooms in lieu of providing areas for light, which, as a rule, are of little service unless they are of sufficient size to allow the admission of the rays of sunlight at about 45°. Another requirement was the economical supervision of the staff by the librarian. This was solved by placing the librarian's office in the centre of the building, with the various offices grouped around, thereby giving easy supervision of the several departments, as well as the entrance hall, staircase and exits. On the first floor (over the front portion only) is a museum and board-room, and the librarian's residence is above, on the second floor, with separate entrance from the Buckingham Palace road. The façade next the Buckingham Palace road is to be executed in red gauged brickwork, with Ketton stone dressings. The drawing from which the illustration is taken was exhibited in the Royal Academy this year.

This illustration is copied from the *Building News*.

MONUMENT TO TESTELIN. M. L. BONNIER, ARCHITECT.

THIS plate is copied from *La Construction Moderne*.

ENTRANCE TO APARTMENT-HOUSE OF HERR L. BERNHEIMER, MUNICH, BAVARIA.

THIS plate is copied from *Architektonische Rundschau*.

FONTAINE DU TITAN, BEZIERS, FRANCE. M. ANTONIN INJALBERT, ARCHITECT AND SCULPTOR.

THIS plate is copied from *La Semaine des Constructeurs*.

THE HIGH SCHOOL BUILDING, ARLINGTON, MASS. MESSRS. HARTWELL & RICHARDSON, ARCHITECTS, BOSTON, MASS.

As the programme of this limited competition, which resulted in the award being made to these architects, is in some particulars better than usual, we give it below in full.

CONDITIONS FOR COMPETITION FOR HIGH SCHOOL IN ARLINGTON.

Cost. Each architect is to submit his careful opinion as to the cost of the building, excluding (1) architect's commission, (2) expense of fitting up laboratories, (3) furniture, (4) grading, grass, shrubbery, etc., but including heating and ventilating apparatus, slate blackboards and plumbing. The Committee desire that if possible the cost shall not exceed $45,000. The building to be of brick and substantially made with good materials, thoroughly ventilated and heated by steam.

Size, etc. — *1st floor.* The first floor is to contain five grammar schoolrooms, each capable of accommodating from forty to fifty scholars. Also a superintendent's room.

2d floor. To contain four schoolrooms of which two are to be separated by a movable partition, so that the two may be thrown readily into one room, which will contain at least 1,800 square feet, or better 1,900 to 2,000 square feet.

Also two laboratories with a movable partition between, so that the two may be thrown into one room; the two together to contain at least 1,200 and better 1,300 square feet. Also a principal's room.

Basement. To be high and well lighted, and so arranged as to have rooms adapted to manual-training work.

3d floor. The building is to be planned in the alternative (1) with a hall on the third floor, (2) without a hall or other rooms on the third floor. A careful opinion is to be given of the difference in cost between the two methods.

The interior finish of the building is to be in ash or some other hard wood. The blackboards are to be of slate. The water-closets are to be in a separate tower.

A brief written description of the building to be submitted with the plans.

Drawings. Plans are to be submitted of (1) basement, (2) first floor, (3) second floor, (4) third floor, hall, (5 and 6) two elevations, (7) one perspective. All on a scale of one-eighth inch to the foot.

The plans are to be blacked in.

The perspectives to be rendered in line.

All drawings to be mounted on cards of uniform size.

The author's name to appear on the plans.

Compensation. Each unsuccessful competitor to receive $75.

The successful competitor to receive nothing extra for the above plans, provided the town erects the building. In case the town does not erect the building at present, he is to receive $75, to count as part of his commission if the building is erected later according to his plans.

The plans to be left at the office of the Town Clerk, Arlington, before five o'clock Saturday, October 22, 1892.

JAMES P. PARMENTER,
Chairman of Committee.

THREE COMPETITIVE DESIGNS FOR THE HIGH SCHOOL BUILDING, ARLINGTON, MASS., SUBMITTED BY MESSRS. CABOT, EVERETT & MEAD AND H. LANGFORD WARREN, ARCHITECTS, BOSTON, MASS., AND STICKNEY & AUSTIN, ARCHITECTS, LOWELL, MASS.

THE CHÂTEAU OF CHAMBORD.

It is not difficult to imagine in these days that Pinturiccio, or whoever really designed Chambord for Francis I, was a believer in the development theory. The upward tendency which is supposed to belong to all living things is exemplified in the building, which was to be a sort of temporary refuge for royal sportsmen. It is on a feudal plan, and has towers at the angles, but, as we can see, later styles are introduced, as the ground is left, and the uppermost portions are the most refined and elaborate of all. The delicate carving that is found on the chimneys and attic windows is one of the most remarkable features of the building, which, if not a philosophical speculation expressed in masonry, is better entitled to be called "a romance in stone" than Abbotsford.

NEW CHURCH, MILES PLATTING, MANCHESTER, ENG. MR. LEONARD STOKES, ARCHITECT.

INTERIOR OF THE SAME.

COMMUNICATIONS

[*The editors cannot pay attention to demands of correspondents who forget to give their names and addresses as guaranty of good faith; nor do they hold themselves responsible for opinions expressed by their correspondents.*]

GRAPHICAL ANALYSIS OF A ROOF TRUSS.

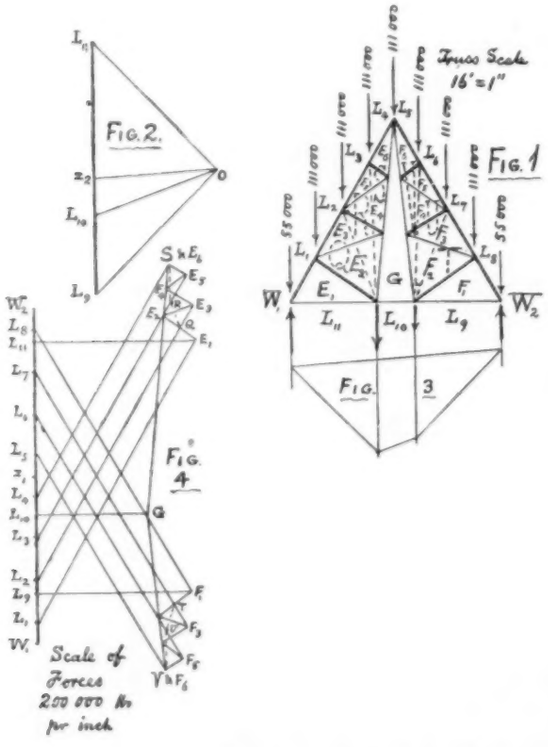
Chicago, Ill., December 20, 1892.

To the Editors of the American Architect: —

Dear Sirs, — Enclosed you will find a graphical solution of the problem for a truss given in your issue of December 17.

The loads on the rafters being uniformly distributed, the reactions at the supports produced by these loads are equal, and the point Z_1 (Fig. 4) is the point of division on the line of loads, it being equidistant from the points W_1 and W_2.

With regard to the loads on the tie-beam, they are unequal, as we understand from your diagram. The reactions on account of these



loads will also be unequal, and can be found by the equilibrium polygon, as shown in Figures 2 and 3. The point Z_2 (Fig. 2) being the dividing point between these reactions.

Combine these reactions by placing the point Z_2 (in Fig. 2) upon point Z_1 (in Fig. 4) and we have the complete line of loads in Figure 4.

This method of combining the loads on tie-beam with those on rafters is fully described in a paper entitled "Applications of the Equilibrium Polygon" read before the "Civil Engineer's Club of the Northwest," September 4, 1877, and republished in the *American Architect* in the early part of 1878.

The difficulty of determining the stresses on the members of the truss arises from what might be called interior points; or, in this case, the finding of the point G (Fig. 4). This can be found as indicated in the accompanying diagram, and fully set forth in a paper read before the Chicago Chapter of A. I. A., March 22, 1888, entitled "Some Applications of Graphical Statics," and which was republished shortly afterward in the *Inland Architect*.

The methods heretofore mentioned can not only be applied to cases where the loads are parallel — that is, all acting in the same direction — but can also be applied where no two of the loads agree either in direction or amounts.

Enclosed is a copy of the paper last mentioned.

Very respectfully yours, J. R. W.

NOTES AND CLIPPINGS

Making Plate-Glass. — A new and simplified method of making plate-glass has been devised by a Western inventor. He proposes to roll the sheet of glass on a perpendicular instead of a horizontal surface. Two sheets are rolled to the exact thickness at one operation, and these come from the fire polished, as well as free from waves or chill. Soapstone prevents the surface being scratched or marked by cooling, so that the subsequent operations of the grinding down and polishing are dispensed with. A metal wheel or mould passes through the rollers and supports the glass, and by this means the sheet is not injured on leaving the machine. — *Real Estate Record.*

TRADE SURVEYS

The close of the year is characterized by dulness, low prices and general indifference among traders. The only summaries of the year's business so far available show an extraordinary volume of business, exceeding that of last year by from five to twenty per cent. The indications are that a steady increase will take place during 1893, that prices will recover somewhat during the winter, and that they will be stronger during the coming year than they have been through 1892. This prediction is based upon such facts as these: A conservative production has been maintained throughout the year; stocks, as compared to twelve months ago, are perceptibly lighter; trade and manufacturing organizations have better control of production and distribution than they had last year, the probabilities of trouble over the silver question reacting as a restraining factor upon trade and manufacturing. There are other reasons which might be given to show that an expansion of trade is probable. The hope is based upon the general fact that stocks are light and consuming capacity steadily growing. The coming-in of a new administration, with ideas and principles in many respects hostile to the out-going administration, is having scarcely any of the effects that were predicted. In manufacturing circles there is confidence and activity, a fact clearly shown by the condition of the machine-shops of the country, hundreds of concerns being so crowded with orders that they refuse to advertise. Heavy orders for machinery and equipments of various kinds, for delivery in the early spring, have been booked during the past month. In monetary circles there is, of course, a good deal of unrest, much of it based upon the possibility of sudden changes in financial management; but it is perfectly safe to predict that sudden changes will not occur, and that any modification of the existing policy, either financial or industrial, will be made by slow and well-considered steps. The broad fact must be kept in mind, that consumptive requirements for all manner of manufactured products are steadily expanding. The managers of the heavier industries in the Middle and some of the Western States express their confident belief that there will be a larger demand for nearly all kinds of heavy products next year. Leaders in the lumber industry are making preparations to fill a heavier demand. Manufacturers of iron and steel expect an expansion of at least ten per cent. during the coming year, a portion of it for new railroad mileage. Within a week, prices of steel rails have declined from $30 to $29, and negotiations are now reported to be pending for 70,000 or 80,000 tons — some authorities say at least 100,000 tons — at the reduced figure. The ship and boat builders are also about closing for large quantities of material. In a number of the smaller industries there are preparations for a larger business. The leather manufacturers are not anticipating future requirements at present, but are looking over the field. The possibility of a permanently higher range of prices in several lines of manufactured products is kept in mind; the present low level has been maintained longer than any previous period of low prices. There is unusual activity among the mechanical and electrical engineers, owing to the fact that a large number of cities and towns are arranging for municipal improvements of various kinds. The hydraulic engineers report a great revival of work in the direction of supplying water to cities and towns, and supplementing this statement is the fact of a heavy demand having set in for all kinds of cast-iron pipe. The boot and shoe manufacturers are providing stocks for next year's use. Users of cotton are uncertain what to do, but are carrying more liberal stocks, and are quietly endeavoring to pick up supplies where they can do so at what they consider a reasonable rate. The same business-like prudence is being manifested in lumber-trade and building-material channels. All of these straws point to the probability of greater activity and stronger prices before the opening of spring. Statisticians and economists, who pretend to understand the direction of under-currents in the business world, say that the probability of a change in the direction of prices is leading to the general movement to secure supplies already noted. Only about 4,000 miles of railroad have been built this year; but over 8,000 miles are projected for next year, and, if the work is prosecuted, a stimulus will be given to a number of industries.

S. J. Parkhill & Co., Printers, Boston, U. S. A.

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CITY HALL. CHARLOTTE, N.C.,

G.L. Norrman Arch't, Atlanta, Ga.,

No. 888. American Architect and Building News, Dec. 31 1892

- PUBLIC - SCHOOL - BLOOMINGTON - IND -

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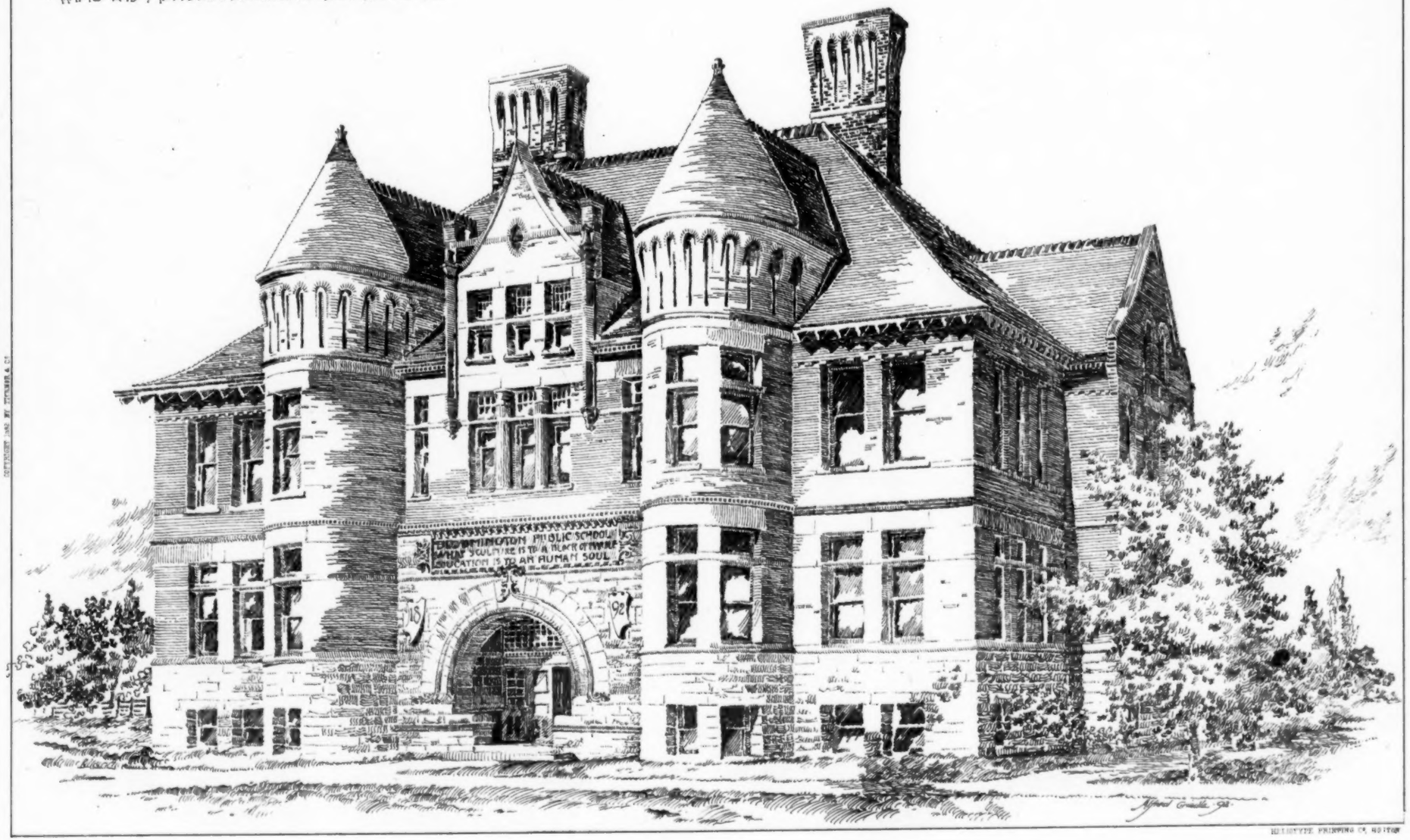

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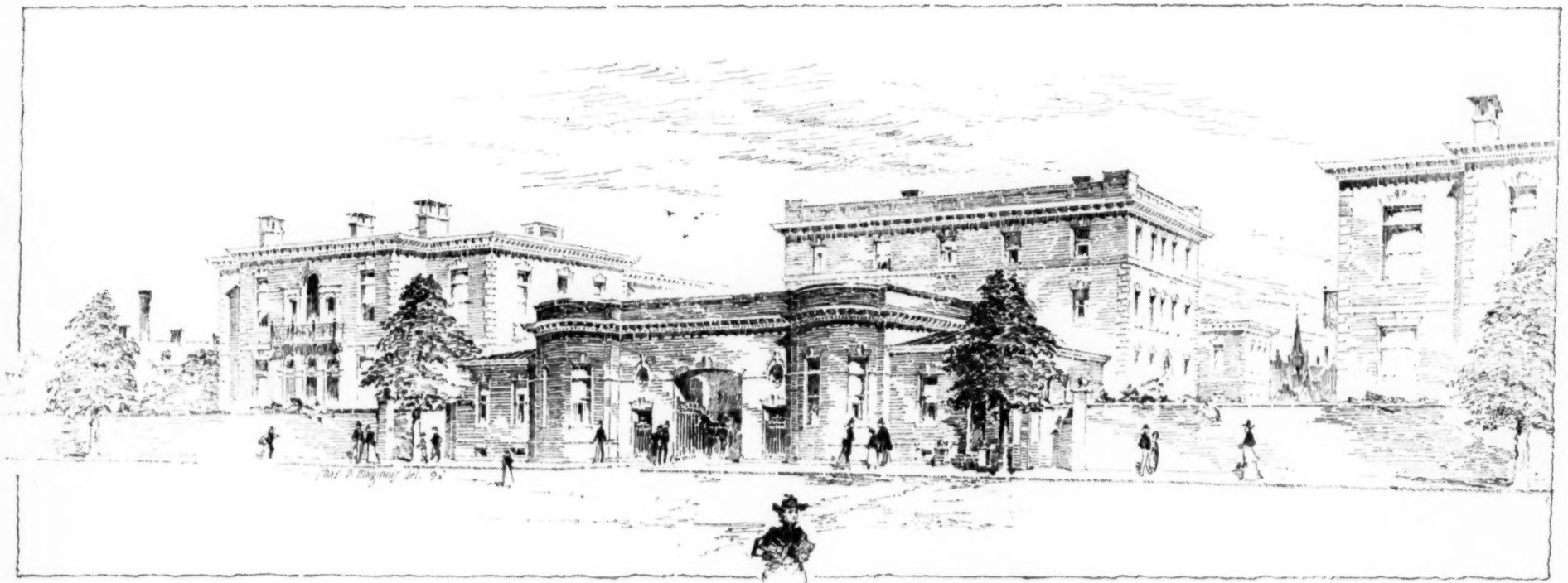

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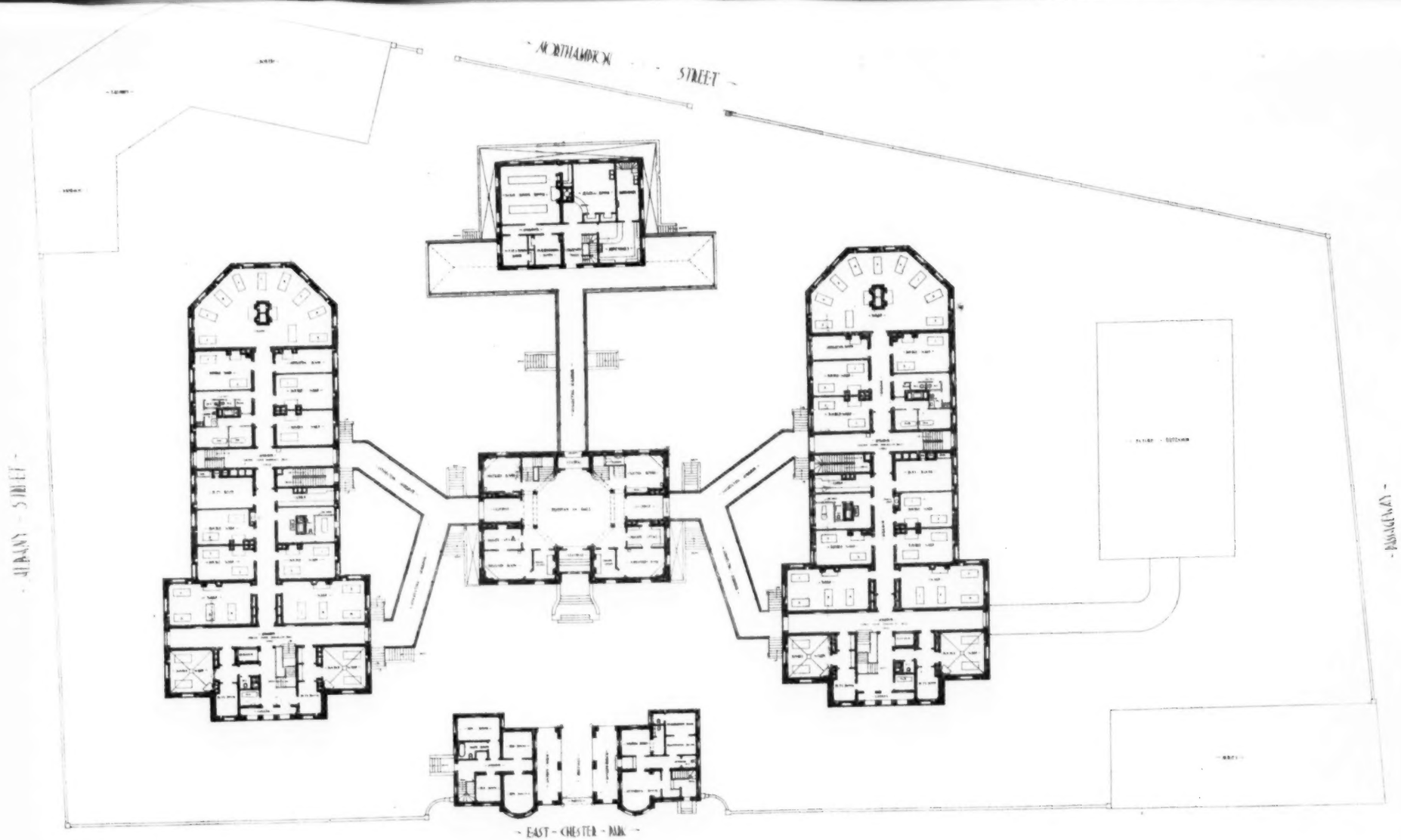

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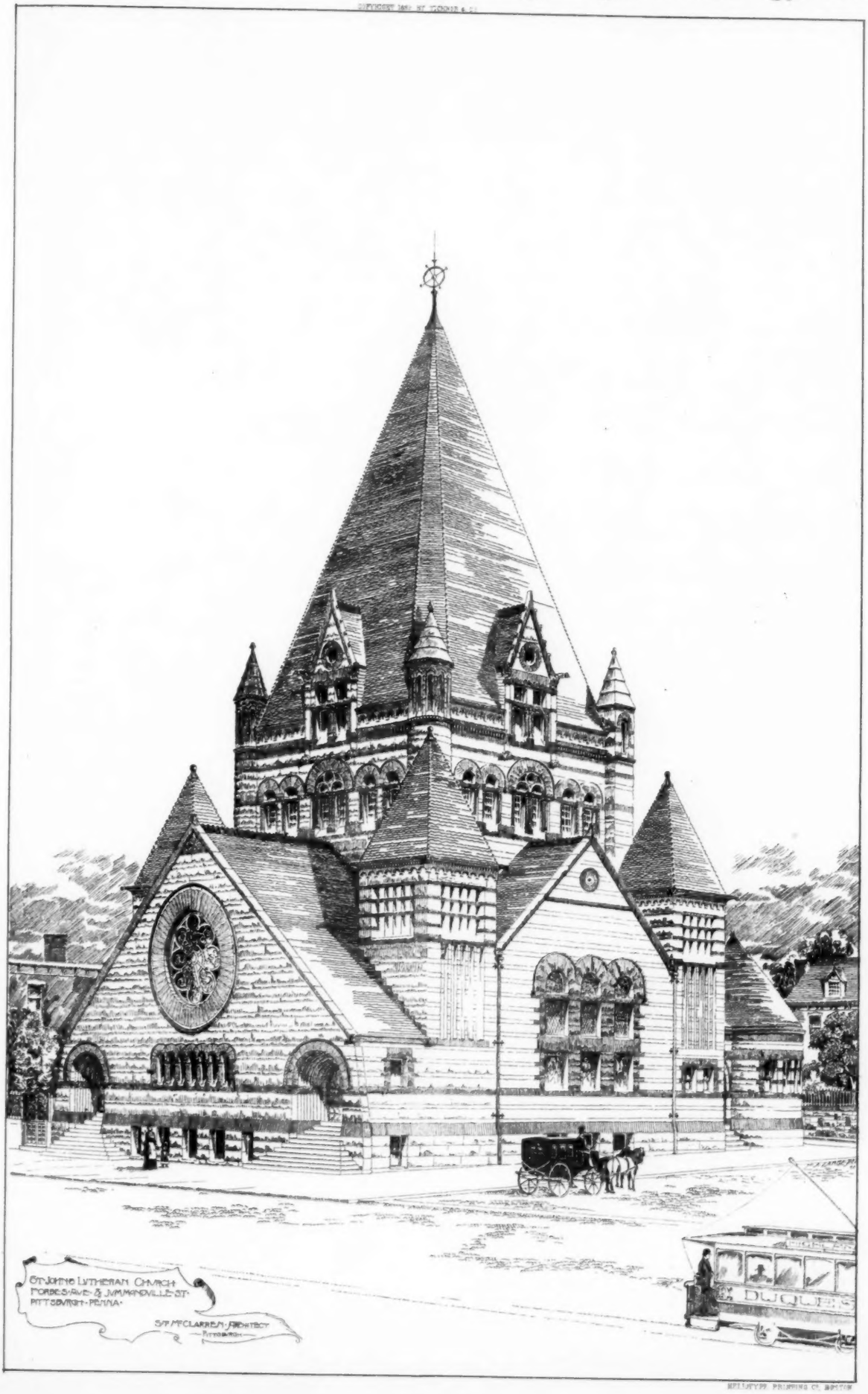
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OCTOBER 1, 1892.

THE AMERICAN ARCHITECT AND BUILDING NEWS

VOL. XXXVIII. * REGULAR EDITION * NO. 875.

ARCHITECTURE

ENGINEERING

DECORATION

CONSTRUCTION

TICKNOR & COMPANY

BOSTON, MASS.

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ANOTHER CITY Changes its Plumbing Laws

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Respectfully yours,

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551 Pearl St., NEW YORK.

The American Architect and Building News

ADVERTISERS' TRADE SUPPLEMENT.

No. 124. SATURDAY, OCTOBER 1, 1892. Volume XXXVIII. No. 875.

THE "GORTON" STEAM AND HOT-WATER BOILERS.

The works of the Gorton & Lidgerwood Company, sole manufacturers of the "Gorton" steam and hot-water boilers, are located near the Atlantic Basin at the foot of Dykeman Street, Brooklyn, New York. They cover a large area of ground and are equipped with the latest improved machinery. The process of manufacture of the "Gorton" boiler is extremely interesting, and one leaves the shops firmly impressed with the thoroughness and high standard of the work done upon it in the course of its construction.

The shell of the boiler is rolled into shape from an oblong sheet of steel. The two ends are then riveted together by an hydraulic riveting-machine. The next step is the making of the head of the boiler, $\frac{5}{16}$-inch best flange steel being used. The head is flanged, and here is employed a new and valuable machine known as a flanging-machine. The steel plate or head is put into a heating-furnace, and when heated to the proper temperature is taken out and put upon the revolving centre of the flanging-machine which is set in operation. At each end of the flanging-machine is a large wheel attached to a long screw, at the opposite end of which is attached a roller. While the revolving centre, which has the head attached, is rotated these screws are tightened, thus bringing the rollers against the edge of the head to be flanged. The screws are tightened until the desired angle is reached.

Fig. 2. Improved base for "Gorton" Boiler.

From the flanging-machine the head goes to the drill, where by the use of special cutters made of the best steel the holes are drilled for the tubes. This being accomplished, the head passes to the riveting-machine where it is riveted securely into the shell, thirty-five tons pressure being put upon each rivet.

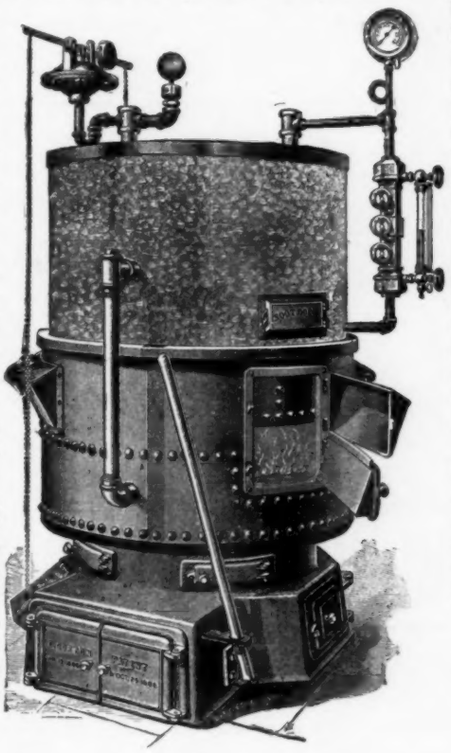

Fig. 1. "Gorton" Steam-boiler.

This insures greater tightness and uniformity of rivets than would be possible were the work done by hand, and saves as well a great deal of labor. The further manufacture of the "Gorton" boiler consists in the expanding of the tubes into the top and bottom heads; the construction of the galvanized-iron jacket, lined with asbestos sheathing, which surrounds the boiler; the assembling of the various parts and the adjustment of the patent base and necessary fittings. The tubes are placed as thickly in the boiler as will admit of proper circulation, thus sub-dividing the water-spaces and enabling the heat to act most effectually. The gases from the fire, which is directly under the main or tubular part of the boiler, enter the tubes at the highest temperature, and passing through, return down around the shell before going out the smoke pipe at the rear, thus generating steam in the most economical and effective manner possible.

Experiments have shown that the evaporative efficiency of the "Gorton" boiler is fully equal to that of the return tubular power boiler, and far exceeds any other form of house-heating boiler. The coal reservoir, which is annular, is between the lower outer surface of the boiler and the upper part of the water-leg, and will hold enough coal to last twelve hours, and frequently twenty-four, depending of course upon the severity of the weather. The coal in the reservoir feeds below the lower part of the boiler shell, at an angle of forty-five degrees and towards the centre. The grate being lowest in the centre the fuel distributes itself at a uniform depth over its surface, thus giving a surface-burning fire, with ample space between the top of the coal and the shell of the boiler for perfect combustion of the gases before they enter the tubes.

The grate is of the shaking-and-dumping type, and consists of two parts: the outer or main part resting on ball-bearings, so that it can be easily shaken, the centre being independent and arranged to swing to one side for the purpose of removing the clinkers, or for dumping the fire.

Fig. 3. "Gorton" Hot-water Boiler.

Two important improvements have lately been made in the "Gorton" boiler.

One is the new style of base now furnished with all boilers — both steam and hot-water.

It has an upright lever attachment for shaking the grate. This is a great convenience and avoids the necessity of stooping in order to shake the grate, as in the old style base. There is also a separate draught door, as shown in the engraving, which is attached to the automatic damper regulator, thus leaving the ash-pit doors to be used only for the purpose of removing ashes. The second, and a very important improvement, is the large swinging coal pocket. When this is open the entire surface of the fire is in plain view, making it very easy to get at and clean the fire.

GORTON AND LIDGERWOOD CO.,
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NOTES.

Keystone Blue Process Papers have now been on the market upwards of seven years, and notwithstanding the tremendous competition of the last two years, our sales for the year ending July 1, 1892, have increased over one hundred per cent. We attribute this increase solely to the superior quality and uniformity of our goods, as we do not claim our papers to be the lowest in price.

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Credit for the following extract must be given to *Lock and Bell:*

The Hotel Savoy, recently completed, on the corner of Fifth Avenue and Fifty-ninth Street, New York, is a marvel as regards interior decoration. Elegant carvings vie with beautiful paintings; delicate tints and wonderful colors in marble, all combine to make this one of the most beautiful hostelries ever opened to the public. The electrical appointments throughout are of the highest possible order, and reflect much credit upon the designers. It is also gratifying to be able to state that the hardware is thoroughly in keeping with the other artistic appointments. Much of the trimming is of special design, and the Arms of Savoy are beautifully and artistically represented in escutcheons, push-plates, knobs and other trimmings. The hardware on this building throughout evidence the fact that for perfect artistic effect it is very necessary to have the ornamental metal work of as high an order as the other decorative work.

To the above there is but to add that the hardware as well as the designs for it were made by

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BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

HOTELS.

Chicago, Ill. — Columbian Mutual Benefit Association, four-st'y hotel, 7247-7249 Kenny Ave.; cost, $15,000.

HOUSES.

East Watertown, Mass. — *Coolidge Hill St.*, frame dwell., 32′ x 72′; owner, H. E. Davidson; builder, C. H. Mead; architect, W. A. Rodman, Boston.

Philadelphia, Pa. — *Quince St.*, e s, n Pine St., 2 two-st'y brick dwells.; builder, Thos. Eckles, 206 Gaskill St.

Master St., n s, e Peach St., three-st'y brick dwell.; owner, James Hannun, 1405 North Fifty-second St.

Tulip St., e s, s Hamilton St., 2 two-st'y brick dwells.; builder, P. E. Costello, Tacony.

Ruth St., e s, n Cambria St., 6 two-st'y brick dwells.; owner, A. J. Fuhrer, 4319 Pennsgrove St.

Huntingdon St., No. 2325, two-st'y brick dwell.; builder, Jno. M. Reber, 2673 Frankford Ave.

Twenty-sixth St., n w cor. York St., 4 three-st'y brick dwells.; builder, Carl Schildt, 2607 Harold St.

Belgrade St., No. 433, two-st'y brick dwell.; builder, W. A. Morgan, 2654 Tulip St.

America St., e s, n Olney St., two-st'y brick dwell.; builder, L. Altemus, Olney.

Magnet St., w s, n Fay St., 4 three-st'y brick dwells.; builder, Wright Dager, 607 Jefferson St., Rox.

Clinton St., w s, n Clarkson St., two-st'y brick dwell.; builder, L. Altemus, Olney.

Ruscomb St., s s, w Newbold St., 3 two-st'y brick dwells.; builder, John Priestley, 1803 Juniata St.

Freeland St., e s, s Penn St., 3 two-st'y brick dwells.; builders, Duncan & Shaw, 201 Green Lane.

Arrott St., n s, w Horrick St., three-st'y brick dwell.; builder, R. C. Winnals, 1628 Margaretta St.

Franklin St., w s, n Cambria St., 14 two-st'y brick dwells.; owner, M. L. Heist & Son, Lehigh Ave.

Reese St., e s, n Pike St., two-st'y brick dwell.; owner, John Miller, 3944 North Fifth St.

Oxford St., s s, w Fifty-fifth St., 7 two-st'y brick dwells.; owner, Geo. W. Sherman, 3050 Clifford St.

Higbee St., s Torresdale Ave., two-st'y brick dwell.; owner, James Hughes, cor. Higbee and Vandyke Sts.

Indiana Ave., w s, e Harts Lane, 8 two-st'y brick dwells.; owner, Jacob Marsch, 339 East Indiana Ave.

Keystone St., e Vincent St., 3 two-st'y brick dwells.; builder, Khliver Bros., 2739 Ash St.

Orleans St., s s, e Kensington Ave., 4 two-st'y brick dwells.; owner, A. J. Feuhver, 4319 Pennsgrove St.

Monmouth St., s s, e Frankford Ave., 20 two-st'y brick dwells.; owner, C. C. Moore & Co., 2001 North Broad St.

South Fourth St., Nos. 1941-1943, 2 two-st'y brick dwells.; builder, Michael Whalen, 1225 Snyder Ave.

Titan St., n s, w Twenty-sixth St., 11 two-st'y brick dwells.; owner, Alfred G. Clay, 522 Walnut St.

Fernon St., s s, w Fifth St., 5 two st'y brick dwells.; owner, D. S. McClure, 827 Reed St.

Ridley Park, Pa. — Three-st'y frame Queen Anne dwell., slate roof; for J. T. Bougher.

Somerville, Mass. — *Grant St.*, near Jaques St., frame dwell., 24′ x 29′; owner and builder, A. D. Rice.

Broadway, near Medford St., frame dwell., 22′ x 36′; owner and builder, Geo. Ramsey.

McGregor Pl., near Walnut St., frame dwell., 24′ x 27′; owner, D. L. McGregor; builder, J. K. Ricker.

Pearl St., cor. Mt. Vernon St., frame dwell., 32′ x 44′; owner, Mrs. Herbert E. Hill; builders, Abbott & Boyer; architects, Loring & Phipps.

Lawrence St., near Wilton St., three-st'y frame dwell., flat roof, 22′ x 30′; owner and builder, James Hayden.

Rossmore St., cor. Washington St., three-st'y frame dwell., flat roof, 27′ x 52′; owner, E. P. Gill; builder, James Mathews.

Summer St., frame dwell., 32′ x 48′; owner, Miss M. J. Wendall; builder, J. A. Crawford.

Albion St., frame dwell., 22′ x 34′; owner and builder, S. S. Higgins.

Bowdoin St., frame dwell.; builders, W. L. & H. S. Waugh.

STABLES.

Chicago, Ill. — John S. Cooper, two-st'y livery barn and storage, 401-403 Illinois St.; cost, $40,000.

Anson D. Sturges, two-st'y livery barn, 95-97 Eighteenth St.; cost, $4,000.

Knickerbocker Ice Co., two-st'y barn and flats, 9328-9330 Anthony Ave.; cost, $5,000.

Robert Weil, two-st'y barn and warehouse, 6317-6321 Yale St.; cost, $3,000.

Malden, Mass. — *Green St.*, two-st'y brick stable, gravel roof, 45′ x 85′; arranged for 19 horses and box stall, with blacksmith shop and carriage shed; owner, City of Malden; contract to be let; architect, Tristram Griffin, Boston.

New York, N. Y. — *Edgwater St.*, e s, 200′ n Westchester Ave., two-st'y brick stable, peak shingle roof; cost, $5,000; owner, C. E. Gates, 227 Mott Ave.; architect, John Sexton, 206 West Forty-second St.

Sixty-sixth St., s s, 300′ w Central Park West, 3 three-st'y brick stables, tin roofs; cost, $30,000;

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Philadelphia, Pa. — *Richfield St.*, n e cor. Twelfth St., two-st'y brick stable; builder, Fred May, 43 Wistar St., and Germantown Ave.

Auburn St., s s, w Trenton Ave., two-st'y brick stable; builder, James Connor, 2062 Auburn St.

Broad St., e s, s Vine St., one-st'y brick stable; builders, Benj. Ketchum & Son, 1029 Brown St.

Somerville, Mass. — *Fitchburg St., No. 21*, frame stable, 18' x 20'; owner, Edward Cunningham; builder, Edward McKay.

Dell St., frame stable, 16' x 22'; owner and builder, C. H. Ramsdell.

Hanson St., frame stable; owner and builder, John Bruntier.

Worcester, Mass.—*Oread St.*, one-and-one-half-st'y frame stable; owner, Edwin Batty; contractor, Thomas Waples.

STORES.

Chicago, Ill. — Richard A. Caterbury, 2 four-st'y stores and flats, 4241-4243 Cottage Grove Ave.; cost, $35,000.

Martin Barbee, 2 three-st'y stores and flats, 188-190 Milwaukee Ave.; cost, $8,000.

Adolph Stohr, three-st'y stores and flats, 369 Clybourn Ave.; cost, $7,000.

T. Levandusky, two st'y store and flats, 3239 Muspratt St.; cost, $4,500.

John Samp, four-st'y store and flats, 638 West North Ave.; cost, $13,500.

L. R. Williams, five-st'y store and flats, 201 Sixty-third St.; cost, $30,000.

S. N. Holden, 2 eight-st'y stores and flats, 1449-1451 Van Buren St.; cost, $10,000.

Olef Lindberg, 3 four-st'y stores and flats, Thirty-first St. and Portland Ave.; cost, $25,000.

Alex. Bennett, four-st'y store and flats, 3305 Halsted St.; cost, $14,000.

William E. Ayers, three-st'y store and flats, 4310-4312 Prairie Ave.; cost, $4,000.

C. C. Clark, 2 two-st'y store and hall, Grand and Sayre Aves.; cost, $5,000.

C. O'Donnell, three-st'y store and flats, 411 Polk St.; cost, $7,500.

Theo. C. Krogman, four-st'y store and flats, 103 Hudson Ave.; cost, $9,000.

A. Park, 7 three-st'y stores and flats, 1136-1144 South Oakley St.; cost, $40,000.

Mrs. M. Langanhan, two st'y store and flats, 11311 Michigan Ave.; cost, $5,500.

B. J. Costello, 10 four-st'y stores and flats, Washington Ave. and Fifty-fifth St.; cost, $125,000.

Mrs. Julia Spillard, 2 three-st'y stores and flats, 501-509 South Canal St.; cost, $28,000.

Fred Kyle, 4 three-st'y stores and flats, 7155-7161 South Chicago Ave.; cost, $20,000.

R. H. Lehr, four-st'y store and flats, 156 Forty-third St.; cost, $20,000.

St. Louis, Mo. — Two-st'y brick store; cost, $12,000; owner, St. Louis Mutual House Building Co; contractor, C. J. Ewing.

Two two-st'y brick stores; cost, $7,600; owner, Chas. Heeg; contractor, Evans.

Four two-st'y brick stores; cost, $16,000; owner, F. M. Call; contractor, Bartholomew.

Two-and-one-half-st'y brick store; cost, $6,500; owner and contractor, J. H. Mackee.

Two st'y brick store and dwell.; cost, $13,000; owner, H. H. Buermann; contractors, Brennen & Ahring.

Two-st'y brick store and dwell.; cost, $5,000; owners, Grossheide & Bro.; contractor, G. L. Neihaus.

Two-st'y brick store and dwell.; cost, $4,000; owner, Wash Voelker; contractor, G. L. Neihaus.

Two-and-one-half-st'y brick store and dwell.; cost, $2,500; owner, P. Niemann; contractor, Frye.

Seven-st'y brick store; cost, $220,000; owner, Edw. Malincroft; contractor, C. B. Clark.

WAREHOUSES.

Brooklyn, N. Y. — *Bedford Ave.*, e s, 60' n Putnam Ave., three-st'y storage warehouse and brick laundry, gravel roof; cost, $5,000; owner, T. H. Losee, 121 Nostrand Ave.; architect, M. Merrill, 351 Fulton St.

Chicago, Ill.—Heath & Milligan Manufacturing Co., warehouse, 12-16 Seward St.; cost, $7,000.

John Cudahy Packing Co., three-st'y warehouse, Centre Ave. and Forty sixth St.; cost, $10,000.

MISCELLANEOUS.

Chicago, Ill —Illinois Central Railroad Co., two-st'y machine shop and power-house, Ninety-fifth St. and Illinois Central Railroad tracks; cost, $150,000; also one-st'y round-house, Ninety-fifth St. and railroad tracks; cost, $60,000.

The Pullman Palace Car Co., three-st'y market hall, One Hundred and Twelfth St. and Stevenson Ave.; cost, $75,000.

Philadelphia, Pa. — *Thirteenth St.*, n e cor. Spring Garden St., four-st'y brick club-house; builders, Gillison Christie & Co., 1615 Catharine St.

American St., w s, e York St., one-st'y brick boiler-house; builder, Samuel Morrison, 3635 North Fifth St.

Westmoreland St., s s, e G St., 2 one-st'y brick shops; architect, Walter H. Geissinger, s w cor. Twelfth and Chestnut Sts.

Penn St., n e cor. Bellfield St., one-st'y dye-house; owner, Alfred Gomersall, 63 Jefferson St.

Wyoming Ave., n s, e Third St., three-st'y brick building; builder, L. B. Bitters, 2918 Poplar St.

Reed St, n s, e Broad St., two-st'y brick shop; builders, Taut & McLaughlin, 317 Cork St.

Fitzwater St., s s, w Tenth St., three-st'y brick shop; builder, Wm. Murphy, 723 Walnut St.

Portsmouth, Va.— Market and armory; architects, Carpenter & Peebles, Norfolk.

Providence, R. I. — *Sprague St.*, n s, near Harrison St., three-st'y brick building; cost, $10,000; owner, Chas. W. Perkins.

Somerville, Mass. — *Mystic Ave.*, near Austin St., frame machine shop, 30' x 70'; owner, J. E. Braddock; builder, A. Wood.

St. Louis, Mo. — Hall for parish use; cost, $13,800; owner, St. John Nepburne Catholic Church; contractors, Kluth & Boeke.

Ste. Anne, Que. — Cotton mill; owner, Dominion Cotton Mills Co, 190 Notre Dame St., Montreal; architect, John James Browne, 207 St. James St., Montreal.

Worcester, Mass. — *Grove St.*, 2 one-st'y frame storage buildings; owners and contractors, Washburn & Moen Mfg. Co.

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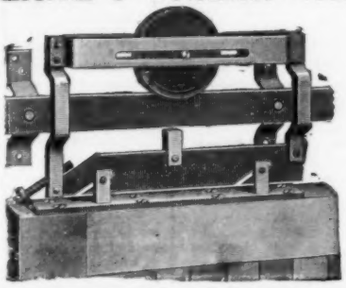

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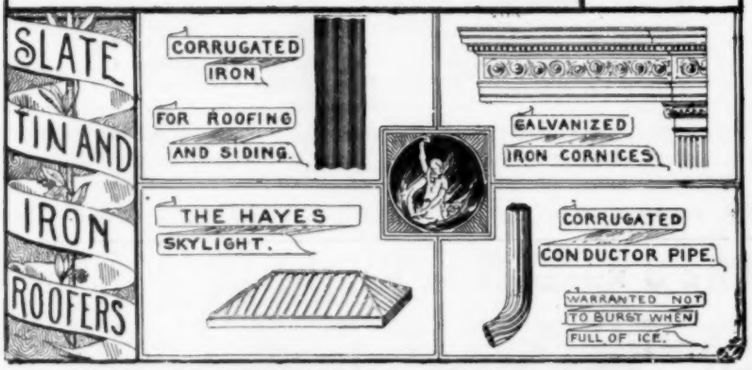

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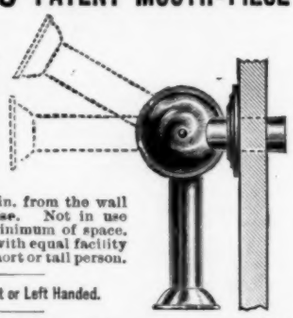

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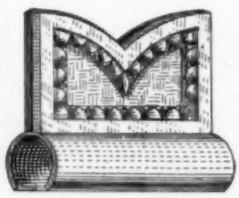

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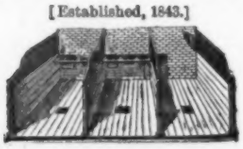

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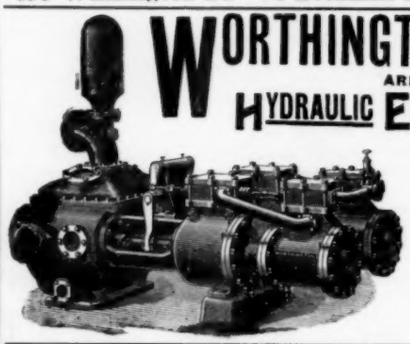

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Common: *Cargo afloat.*				In Yard.
Pale	1 75 @ 2 00	Eastern	Building Brick	Sq. Hard @ 9 00
Jersey	4 00 @ 4 75	9 00 @ 10 00	@ 6 50	" @ 7 00
Long Island	@	Bay State Hard		Salmon @ 5 00
Up River	4 00 @ 4 75	7 00 @ 8 00		Sq. " @ 9 00
Haverstraw Bay 2d	4 75 @ 5 00	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 00 @ 5 25	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia		Red "
" dark	@ 14 00	40 00 @ 45 00		@ 13 00
" red	@ 14 00	Phila. mould		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00	15 00 @ 27 00	@ 13 00
" Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00		@ 100 00	Dom. @ 65
Enamelled (edge and end)	90 00 @ 115 00		@ 120 00	@ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	85 @ 95	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	1 75 @ 2 00	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 85	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 95	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 82	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush.*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	21 @ 25	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine	@	10 50 per ton	@ 1 00	₱ Perch @ 4 50

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Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 11
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	} 55 @ 1 00
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle. English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" green	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" purple	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	} 50 @ 10 25
" red	4 25 @ 4 75	@	6 25 @ 6 85	325 @ 4 00
" black, Lehigh	@	@	7 30 @ 8 00	00 @ 4 65
" " Chapmans	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
" Unfading black, Monson, Me	@	@	*Not Sold.*	@ 25 00
Tiles, Am ... ℔ M	@	@	@	6 00 @ 6 75
N. Peach Bottom, warranted unfading				
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7 @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	70 @ 5 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 30	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	55 @ 62	44 @ 45	57 @ 60	@ 60
" " boiled. (℔ gal.)	58 @ 65	47 @ 48	60 @ 63	@ 63
Turpentine (℔ gal.)	36 @ 37	@ 34	51 @ 51	@ 44
Varnish, coach (℔ gal.)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac (℔ gal.)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (℔ cwt.)	75 @ 1 00	1 @ 1½	1 @ 1½	½ @ 1
Paris white, (Eng.) (℔ cwt.)	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am (℔ cwt.)	5½ @ 6	7 @ 7½	6½ @ 7	@ 7½
Sienna (burnt) (℔ cwt.)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 10	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 40	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per ℔ 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask
Butts: 4" x 4" ... (℔ doz. pairs.)	@	@	@	2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish ... (℔ pair.)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)	@ 8	@ 8	8 @ 10	@ 08
Mineral, best	@ 50	@ 75	65 @ 80	*Not Sold.*
Lava	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Hematite	@ 30	@ 10	25 @ 30	@ 25
Porcelain	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, solid	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Glass, silvered	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	@	@	13 @ 16	13½ @ 16
Solder:	@	@ 7½	@ 7	@ 6¾
Sheet Lead	@	@ 6¾	@ 6½	6 @ 6
Lead Pipe	@	@	@	@
Iron:				
I-Beams, up to and including 36 ft	3 3-10 @ 3½	@ 3 4-10	3 20 @ 3 70	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	@	@ 2 8-10
Channel Beams	3 3-10 @ 3½	@ 3 4-10	3 20 @ 3 70	@ 2 8-10

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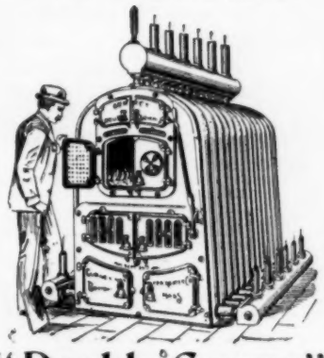

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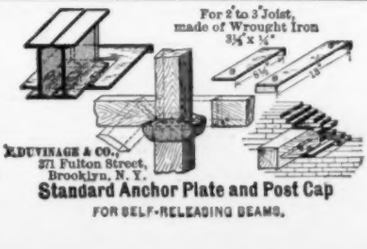

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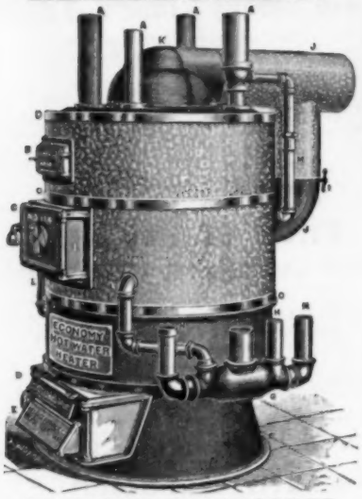

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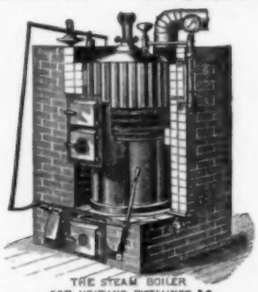

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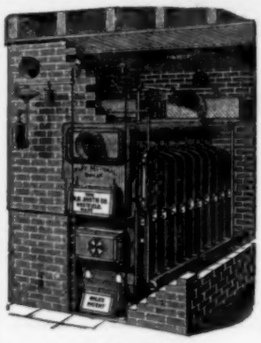

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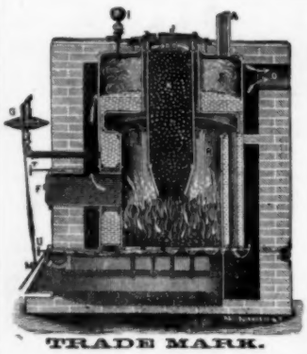

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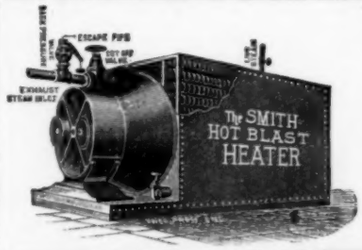

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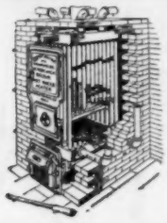

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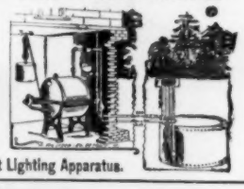

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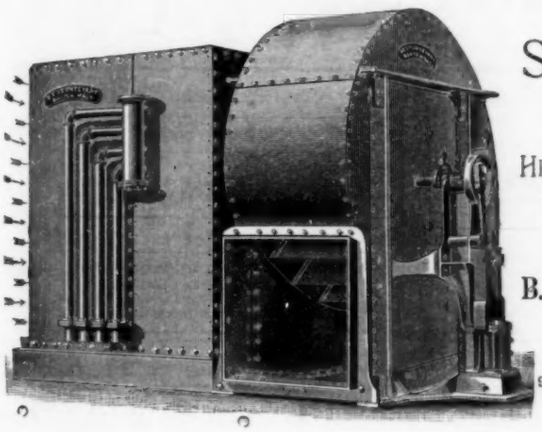

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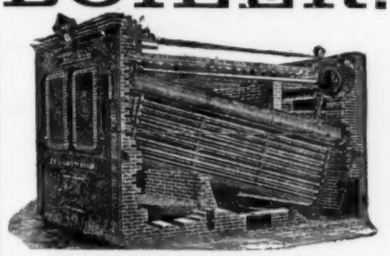

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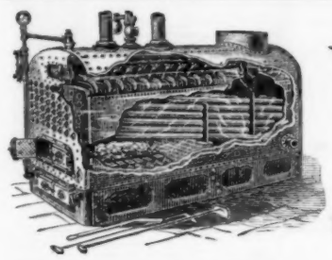

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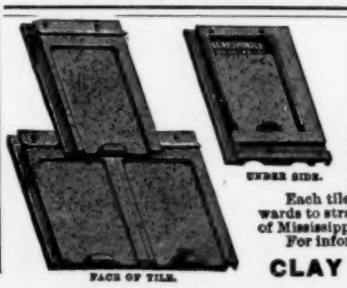

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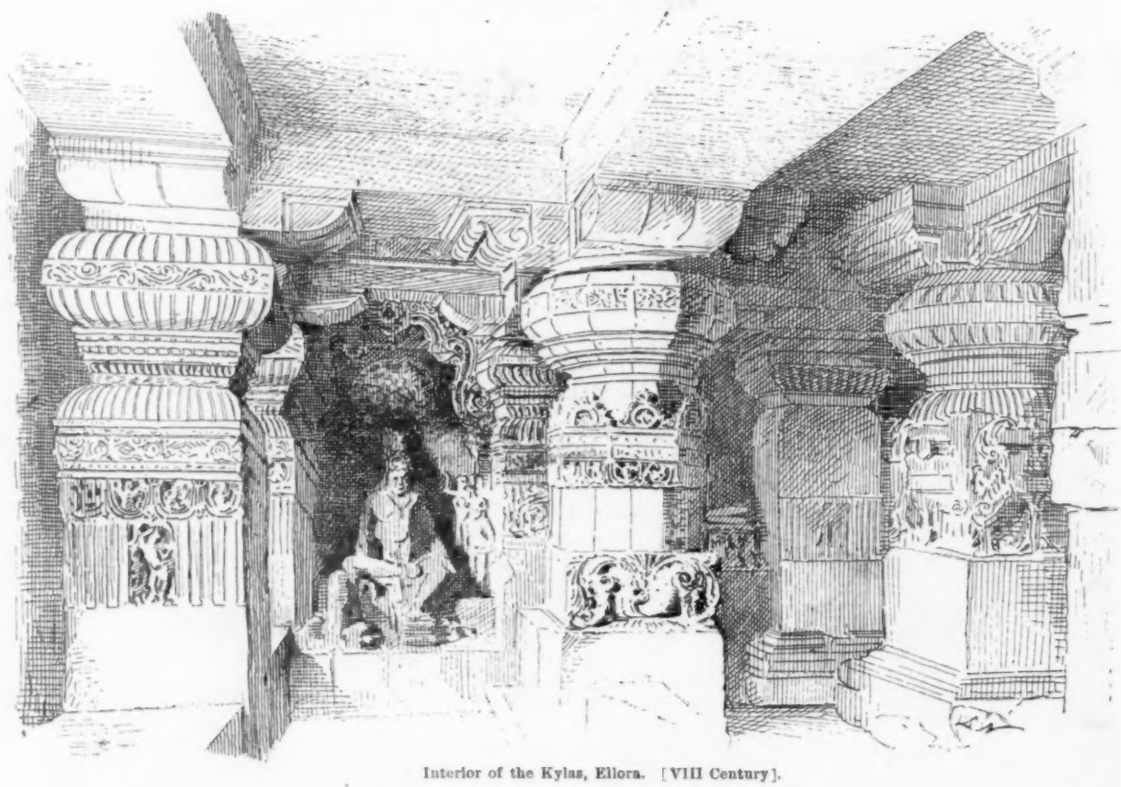

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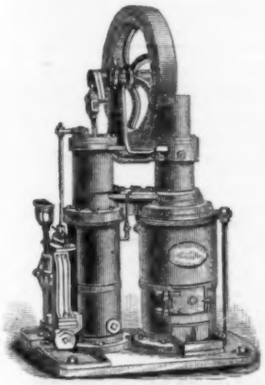

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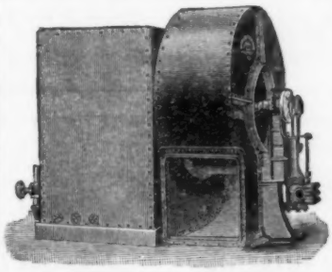

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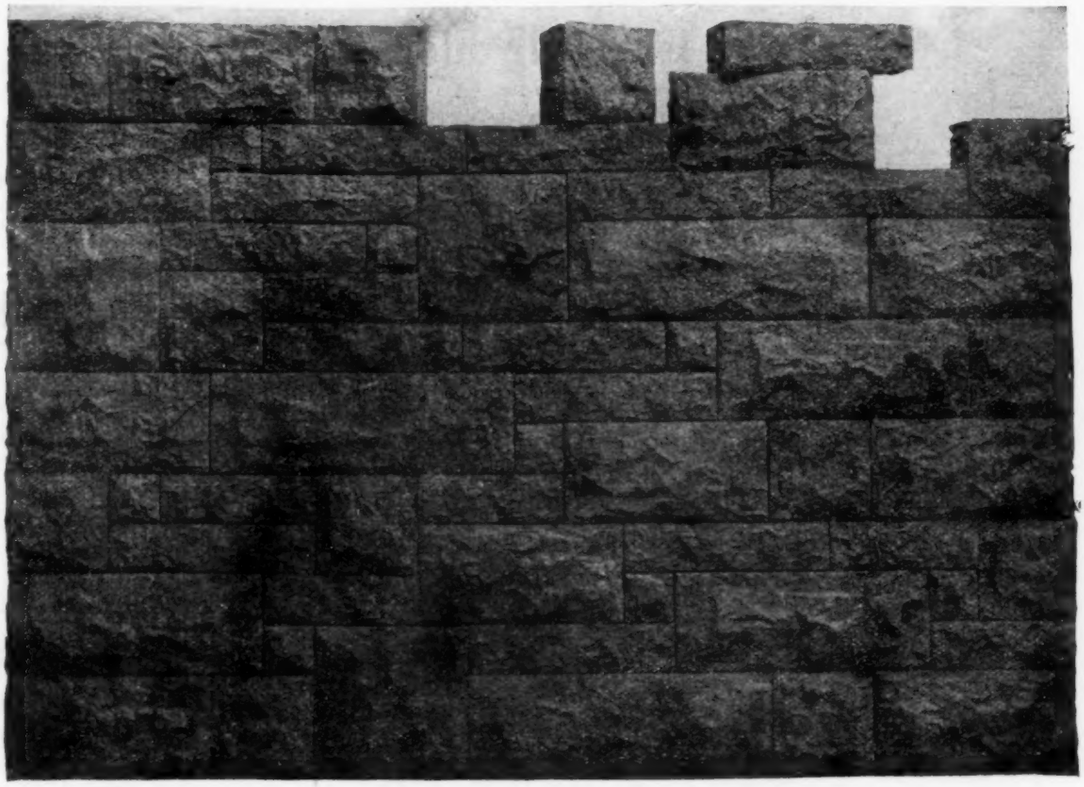

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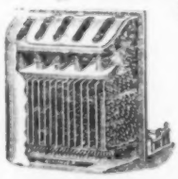

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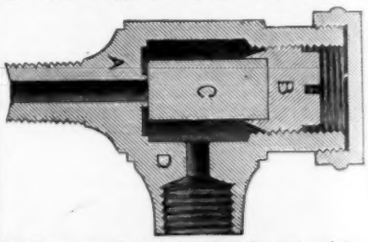

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The American Architect and Building News

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211 Tremont St., Boston, Mass.

For the American Architect and Building News Co.

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Advertising rates: For "wants" and "proposals," 15 cents per line, [8 words to the line] each insertion. 50 cents the least charge. Other rates on application.

New Advertisements.

J. JONES & SON (New York, N. Y.), Electrical Contractors. Page iii.
WILLIAM R. PITT COMPOSITE IRON WORKS (New York, N. Y.), Fencing, etc. Page xxiii.
BEEKMAN SALUTARY SYSTEM CO. (New York, N. Y.), Sanitary Appliances. Page xxi.
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WANTED.

POSITION. — Wanted, re-engagement by draughtsman and civil engineer either in office or as superintendent; very best of references will be given. Address "C. S.," 605 North Clark Street, Chicago, Ill. 878

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POSITION. — Wanted, permanent position by head draughtsman; capable designer and superintendent; large and varied experience; not adverse to going West; would join party in practice or one in position to command work. Apply to "*Architect*," care of H. M. Carleton, 21 Park Row, New York. 875

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[*Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.*]

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482,339. Electric-Light Fixture. — Edwin R. Crollius, Chicago, Ill.
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482,350. Stair-Builder's Tool. — William T. Gagnebin, Omaha, Neb.
482,363. Heating-Furnace. — Peter Keil, Jr., Philadelphia, Pa.
482,367. Composition of Matter for Artificial Stone.—Joseph E. Keseling and Charles Fuchs, Jr., New York, N. Y.
482,389. Ventilator. — Joseph Skobis and Frank Skobis, Milwaukee, Wis.
482,439. Pneumatic Sewerage System. — Chas. T. Liernur, Berlin, Ger.
482,466. Combined Stove and Furnace. — Carl Brandt, Cedar Falls, Iowa.
482,495. Controlling Device for Elevators. Norman C. Bassett, Lynn, Mass.
482,530. Door-Hanger. — Samuel Shreffler, Jr., Joliet, Ill.
482,534. Outlet-Valve for Set Bowls.— John L. Thurston, and Fred B. How, Boston, Mass.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING SEPTEMBER 23, 1892.

From Antwerp. — Steamer "*Westernland*," 87 girders, Brown Bros. & Co.; 3,250 barrels cement, order. Steamer "*Apollo*," 2,750 barrels cement, order.

From Bremen.—Steamer "*Ems*," 560 casks cement, order. Steamer "*Hermann*," 1,008 casks cement, Baetger & Meyerstein.

From Cienfuegos. — Steamer "*Arisaig*," 47 logs mahogany, 10-do. cedar, Louis Monjo, Jr., & Co.

From Colon. — Steamer "*City of Para*," 48 logs mahogany, Eggers & Heinlein.

From Genoa. — Steamer "*Norwegian*," 6 blocks stone, G. P. Sherwood; 9 barrels enamelled bricks, R. W. Weeks & Bros.; 25 cases granite, New York Granite Co.; 207 do., Austin, Baldwin & Co.

From Glasgow. — Steamer "*Ethiopia*," 1 case granite, John Hughes. Steamer "*Furnessia*," 8 cases granite, G. W. Sheldon & Co.; 12 do., order.

From Hamburg. — Steamer "*Suevia*," 840 casks cement, E. Thiele.

From Leghorn. — Steamer "*California*," 1 block marble, Bowker, Torrey & Co., 606 slabs do., Taber & Co.; 20 blocks do., G. Amsinck & Co.; 455 slabs do., 15 blocks do., order.

From Liverpool. — Steamer "*Bothnia*," 189 casks bricks, Meeker & Carter. Steamer "*Tauric*," 282 casks bricks, Howard Fleming. Steamer "*Wisconsin*," 245 casks bricks, Meeker & Carter. Steamer "*St. Enoch*," 2 logs mahogany, order.

From London. — Ship "*Austria*," 500 casks cement, Ladenburg, Thalman & Co.; 1,000 do. Chas. J. Stevens; 1,000 do., E. Thiele; 1,400 do., order. Steamer "*Canada*," 1,000 casks cement, Charles J. Stevens; 2 logs wood, order. Steamer "*Mohawk*," 900 casks cement, order. Steamer "*Richmond Hill*," 500 casks cement, Hammill & Gillespie; 16 logs wood, 1400 casks cement, order. Ship "*Gainsborough*," 3,000 casks cement, G. S. Stevens; 1,000 do., E. Thiele.

From Rotterdam. — Steamer "*Spaarndam*," 1,000 casks cement, E. Thiele; 1,500 do., order.

From Sackville, N. B.— Schooner "*Ada S. Allan*," 199 tons building stone, H. E. Parsons & Co.

From Stettin.—Steamer "*Norge*," 500 casks cement, E. A. Hohnberg; 3,500 do., Emil Kauter; 560 do. Portland cement, H. Marquardt & Co.; 1,000 do. cement, order.

From St. Jago. — Steamer "*Arisaig*," 33 logs mahogany, C. F. Ferrer & Bro.

From St. John, N. B. — Schooner "*Ella Maud*," 1,930 barrels lime, 16,000 laths, Scammell Bros.

From Trinidad. — Steamer "*Arecuna*, 700 tons asphaltum, order.

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From Vera Cruz.—Steamer "*Yumuri*," 1 log mahogany, Graham, Hinkley & Co.; 84 blocks marble, E. Zarang & Co.

From Windsor, N. S.—Schooner "*Gypsum Prince*," 1,364 tons plaster, J. F. Whitney & Co. Schooner "*Phœnix*," 700 tons plaster, W. & H. Wotherspoon. Schooner "*Gypsum Princess*," 1,180 tons lump plaster, J. F. Whitney & Co. Schooner "*Gypsum King*," 760 tons lump plaster, J. F. Whitney & Co. Schooner "*Harry*," 807 tons rock plaster, Wotherspoon Bros.

From Wood Point, N. B. — Schooner "*Hannah F. Carleton*," 118 pieces brownstone, H. E. Parson.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Boontown, Morris Co., N. J. — Addition to St. John's Episcopal Church; cost, about $3,500.

Boston, Mass.—*Washington St., No.* 523, alterations to store for R. Hollings; builder, H. S. Hussey; architect, E. A. P. Newcomb.

Brattleboro, Vt. — Enlargement of stone dwell. for R. Bradley; builder, Mr. Thomas; architect, W. Frank Hurd, Boston.

Brooklyn, N. Y. — *Myrtle Ave.*, s e cor. Vanderbilt Ave., four-st'y brick police-station, tin roof, internal alterations; cost, $5,000; owner, City of Brooklyn, City-Hall; architect, Department of City Works, Municipal Building.

Chicago, Ill. — Henry Wendt, four-st'y addition to factory, 341 South Jefferson St.; cost, $3,000.

(*Continued on page* xvii.)

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Cook County, four-st'y addition to hospital, 328-348 South Lincoln St.; cost, $83,000.

Nick Murray, one-st'y addition, 569-571 North Erie St.; cost, $20,000.

J. C. Woodworth, two-st'y addition, 6315 Honore St.; cost, $3,000.

Potter Palmer, one-st'y addition, 41-69 Bank St.; cost, $25,000.

L. G. McCormick, two-st'y addition, Rush and Ohio Sts.; cost, $3,000.

W. C. Roosevelt, two-st'y addition, 128-130 Twenty-fourth St.; cost, $6,000.

William Winslow, one-st'y addition to foundry, 400-408 Carroll St.; cost, $10,000.

New York, N. Y.—*Spring St., No.* 30, four-st'y brick store, extension and internal alterations; cost, $12,000; owner, John G. Morris, 46 West Fifty-sixth St.; architect, Thomas S. Goodwin, 211 West Fifty-eighth St.

Eighty-ninth St., Nos. 200-210, five-st'y brick factory, extension and other changes; cost, $6,000; owner, A. Blumenthal, 20 West Seventy-second St.; architects, William Schickel & Co., 246 Fifth St.

West Fifty-first St., No. 25, four-st'y brick dwell., extension and interior changes; cost, $3,500; owner, Mrs. S. A. Beadleston, 25 West Fifty-first St.; architect, H. R. Marshall, 874 Broadway.

Woodlawn Place and Green Hill Road, three-st'y stone building, extension and interior changes; cost, $3,000; owners, Columbia College Alumni Association; architect, John Y. Culyer, Potter Building.

West Seventy-fourth St., No. 41, four-st'y brick dwell., internal alterations; cost, $3,000; owner, Julia A. Shaw, 21 West Seventy-fourth St.; architect, Francis H. Kimball, 40 Broadway.

Anthony Ave., No. 1935, three-st'y brick and frame dwell., extension and other alterations; cost, $3,000; owner, D. M. La Porte, 1935 Anthony Ave.; architect, M. V. B. Ferdon, 265 West Thirty-fourth St.

Madison Ave., e s, 25' s Fortieth St., four-st'y brick dwell., internal alterations; cost, $10,000; owner, John J. Jerry, Jr., Southampton, L. I.; architect, Wm. H. Beers, *Tribune* Building.

East Thirty-ninth St., No. 31, four-st'y brick dwell., extension and interior changes; cost, $15,000; owner, Ira M. Davenport, Bath, N. Y.; architect, R. H. Robertson, 160 Fifth Ave.

West Forty-ninth St., No. 16, four-st'y brick dwell., extension and internal changes; cost, $4,000; owner, John D. Wing, 16 West Forty-ninth St.; architect, Jas. Brown Lord, 160 Fifth Ave.

Philadelphia, Pa.—*Wissinoming Station, P. R. R.*, three-st'y brick and stone addition to the Presbyterian Home for Aged Women; architect, John T. Windrim, 132 South Third St.

South Broad St., No. 1330, alterations to dwell.; owner, John M. Doyle; architect, Henry D. Daget, 132 South Second St.

APARTMENT-HOUSES.

Boston, Mass.—*Avon St., No.* 41, Ward 22, four-st'y brick apartments, flat roof, 24.6' x 45'; owner, John Donovan; builder, Thomas Grinnell.

West Broadway, No. 381, Ward 13, four-st'y brick apartments, flat roof, 43.10' x 61'; owner, Robert Provan; builder, Wm. T. Eaton.

Brooklyn, N. Y.—*Chauncey St.*, n s, 275' e Reid Ave., three-st'y brick double flat, gravel and felt roof; cost, $7,000; owner, Jos. H. Lewis, 2530 Fulton St.; architect, John O'Bjorker, 2529 Atlantic Ave.

Lewis Ave., s w cor. Greene Ave., four-st'y brick flat, tin roof; cost, $9,000; owner and builder, T. B. Bryant, 272 Lewis Ave.; architects, I. D. Reynolds & Son, 363 Fulton St.

Chicago, Ill.—M. Mandernch, two-st'y flats, 1501 Fifty-first St.; cost, $3,000.

W. C. Pulaski, three-st'y flats, 4430 Prairie Ave.; cost, $12,000.

A. B. Camp, 6 three-st'y flats, 4931-4941 Indiana Ave.; cost, $40,000.

Philip Murphy, 2 three-st'y flats, 31-33 Thirty-sixth St.; cost, $10,000.

M. Zindt, three-st'y flats, 406 Cleveland Ave.; cost, $6,000.

M. A. Hagemon, two-st'y flats, 5648 Dearborn St.; cost, $3,000.

Johnson Bros., 2 two-st'y flats, 6612-6614 Vincennes Ave.; cost, $6,000.

Oakenwald, 2 four-st'y apartment-houses, 44-46 Woodlawn Park; cost, $30,000.

Charles Damier, three-st'y flats, 1022 North Halsted St.; cost, $8,000.

August Kriser, three-st'y flats, 1384 Harvard St.; cost, $3,000.

E. Bedder, two-st'y flats, 858 Sawyer Ave.; cost, $4,000.

M. Andnen, three-st'y flats, 137 Richmond St.; cost, $4,500.

Frank Swanson, two-st'y flats, 703 Oglesby Ave.; cost, $3,000.

George & Peters, 4 two-st'y flats, 7700-7704 Wallace St.; cost, $16,000.

E. Ramsdell, 2 three-st'y flats, 6147 Sheridan Ave.; cost, $15,000.

Goldie Bros., seven-st'y apartment-house and two-st'y barn, 3714-3718 Lake Ave.; cost, $125,000.

Henry Wachsming, two-st'y flats, 1860 Milwaukee Ave; cost, $3,500.

August Winiger, three-st'y flats, 516 Hastings St.; cost, $6,000.

John Kodowski, three-st'y flats, 145 Cleaver St.; cost, $4,700.

Patrick J. Wall, two-st'y flats, 605 Twenty-seventh St.; cost, $5,300.

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Mrs. C. Decker, two-st'y flats, Centre and Southport Aves.; cost, $3,000.
M. Gulbrondser, three-st'y flats, 467 Potomac Ave.; cost, $5,000.
F. L. Sutherland, 2 two-st'y flats, 6511 Wharton Ave.; cost, $7,000.
Henry Griping, three-st'y flats, 4400 Dearborn Ave.; cost, $8,000.
Jacob May, three-st'y flats, 1120 Belmont Ave.; cost, $5,000.
L. F. Bliss, two-st'y flats, 725 Kedzie Ave.; cost, $6,000.
H. J. Vavenik, two-st'y flats, 495 Winchester Ave.; cost, $4,000.
George Stoneham, three-st'y flats, 434 Winchester Ave.; cost, $7,000.
John Peterson, two-st'y flats, 316 North Kedzie Ave.; cost, $6,000.
Barbara Keill, three-st'y flats, 202 Twenty-fourth Pl.; cost, $5,500.
Henry Albach, three-st'y flats, 409 Twenty-fifth St.; cost, $5,000.
Sarah M. Mayler, 2 two-st'y flats, 480-482 Ninety-fifth St.; cost, $8,000.
A. Reynolds, two-st'y flats, 17 Reynolds St.; cost, $3,000.
Otto C. Rutter, two-st'y flats, 479 Winthrop St.; cost, $4,000.
W. G. Press, 4 four-st'y flats, 623-629 Oglesby St.; cost, $50,000.
James Smith, three-st'y flats, 8900 Buffalo Ave.; cost, $3,500.
Mrs. Jenette Peck, two-st'y flats, 1386 West Monroe St.; cost, $3,000.
A. L. Wilkless, two-st'y flats, 7121 Ellis Ave.; cost, $3,000.
N. E. Mills & Co., 2 two-st'y flats, 6904-6906 Madison Ave.; cost, $4,500.
Fred Judulan, three-st'y flats, 131 Spring St.; cost, $6,000.
Samuel Hayes, 2 two-st'y flats, 51-53 Sacramento Ave.; cost, $8,000.
E. M. Condit, six-st'y apartment-house, 6563-6567 Yale St.; cost, $100,000.
Miller & White, three-st'y flats, 4323 Forestville Ave.; cost, $7,000.
John Oro, three-st'y flats, 398 North Hoyne Ave.; cost, $4,000.
C. B. Hamilton, three-st'y flats, 839 Turner Ave.; cost, $5,200.
M. Weikelm, two-st'y flats, 3148 Union Ave.; cost, $3,000.
O. S. Ford, two-st'y flats, 1804 West Twenty-second St.; cost, $3,000.
John Wyand, two-st'y flats, 924 West Twenty-second St.; cost, $5,000.
August Kosch, three-st'y flats, 912 Ogden Ave.; cost, $5,000.
Patrick Rice, 2 two-st'y flats, 870-872 Austin Ave.; cost, $5,400.
J. W. Harpold, two-st'y flats, 2209 Ashland Ave.; cost, $4,000.
R. M. Nathan, two-st'y flats, 429 Twenty-second St.; cost, $5,800.
S. J. Nihlean, four-st'y apartment building, 3769 Lake Ave.; cost, $30,000.
M. G. O'Brien, 2 three-st'y flats, 715-717 Sixty-sixth St.; cost, $10,000.
Charles Peyton, three-st'y flats, 4905 Atlantic St.; cost, $4,300.
Irving Haywood, two-st'y flats, 1534 Oakdale Ave.; cost, $7,000.
Anna Gill, two-st'y flats, 560 North San Francisco St.; cost, $4,000.
John Keska, two-st'y flats, 385 Washbourne Ave.; cost, $5,400.
Christ Voes, two-st'y flats, 36 Richmond St.; cost, $3,600.
George W. Sumdell, two-st'y flats, 1383 Jackson St.; cost, $5,000.
Paul Stuhls, three-st'y flats, 999 North Western Ave.; cost, $6,000.
George Bower, 2 four-st'y flats, 274-276 Robertson Ave.; cost, $15,000.
James Stafford, three-st'y flats, 4853 St. Lawrence Ave.; cost, $3,000.
Frank Carey, two-st'y flats, 4604-4606 Laflin St.; cost, $3,000.
C. W. Lane, 4 three-st'y flats, 6042-6048 Princeton Ave.; cost, $25,000.

BUILDING INTELLIGENCE.

Ole J. Hansen, two-st'y flats, 456 Potomac St.; cost, $4,000.
Charles S. Senolar, two-st'y flats, 118 Washbourne Ave.; cost, $4,000.
James Derring, three-st'y flats, 1063 Warren Ave.; cost, $3,500.
John Darney, three-st'y flats, 308 West Taylor St.; cost, $7,000.
Mrs. T. H. Mereness, 2 two-st'y flats, 1503-1505 Wellington St.; cost, $14,000.
George V. Hankins, 10 four-st'y flats and boiler-house, 4200-4208 Michigan Ave.; cost, $150,000.
Paul Foss, four-st'y flats, 19 Temple St.; cost, $9,000.
Sam. Halls, 2 three-st'y flats, 232-234 South Francisco St.; cost, $14,000.
Henry Moritz, three-st'y flats, 228 Sheffield Ave.; cost, $5 500.
Herman Lemke, three-st'y flats, 552 Thomas St.; cost, $3,500.
Rudolph Bottger, two-st'y flats, 254 Homer St.; cost, $3,000.
J. C. Counsoul, 4 two-st'y flats, 6013-6021 Ashland Ave.; cost, $16,000.
Louis Kretion, three-st'y flats and hall, 401-403 Webster Ave.; cost, $22,000.
T. W. Kirby, 2 three-st'y flats, 281-283 Tremont St.; cost, $14,000.

New York, N. Y. — Five-st'y brick flat, tar and pebble roof; cost, $20,000; owner, Edmond Coutant, 321 East Eighty-fifth St.; architect, M. L. Emery, Nyack, N. Y.

Henry St., Nos. 113-115, five-st'y brick flat, tin roof; cost, $22,000; owner, John G. Hunt, Warrensburg, N. Y.; architect, Charles Rentz, 153 Fourth Ave.

Sixty-fifth St., s s, 500' w Eighth Ave., five-st'y brick flat, tin roof; cost, $50,000; owner, Mary McKenna, 173 West Fifty-ninth St.; architect, J. H. Valentine, One Hundred and Thirty-first St. and St. Nicholas Ave.

East Eighteenth St., No. 309, five-st'y brick flat, tin roof; cost, $21,000; owner, Julius Langenbohn, 42 Seventh St. and First Ave.; architect, Ernest W. Greis, 36 Union Square.

West Twenty-seventh St., Nos. 517-519, 2 five-st'y brick flats, tin roofs; cost, $50,000; owner, A. Cavinato, 639 East One Hundred and Thirty-fourth St.; architect, N. Cavinato, 639 East One Hundred and Thirty-fourth St.

Suffolk St., Nos. 161-163, 2 five-st'y brick flats, tin roofs; cost, $40,000; owner, Henry O'Kirchner, 235 East Seventy-fifth St.; architect, Edward Wenz, 1491 Third Ave.

East Fourth St., No. 77, six-st'y brick flat, tin roof; cost, $26,000; owners, Brase & Rentz, 74 Second Ave.; architect, Charles Rentz, 153 Fourth Ave.

Delancy St., No. 174, four-st'y brick flat, tin roof; cost, $17,000; owner, Harry Fischel, 16 Jefferson St.; architects, Schneider & Herter, 48 Bible House.

CHURCHES.

Bellevue, Ky.—Plans have been prepared for a $35,000 edifice for the Church of the Sacred Heart.

Bridgeport, W. Va. — The First M. E. Church will build a church, to cost about $12,000.

Chicago, Ill.—Evangelic St. Peter's Church, church, 10255-10259 Avenue J; cost, $10,000.

Ludlow, Ky. — A church, to cost about $45,000, will be built for St. Boniface Church.

FACTORIES.

Chicago, Ill.—August Dahmfor, three-st'y factory and boiler-house, 528 North Market St.; cost, $6,500.

Capital Manufacturing Co., factory, 548-550 North Halsted St.; cost, $5,000.

Morrison, Plummer & Co., two-st'y factory, Paulina and Armitage Aves.; cost, $3,000.

Hy. Sierks, two-st'y factory, 2183-2187 Twenty-seventh Sts.; cost, $12,000.

HOSPITALS.

New York, N. Y. — *Ninety-seventh St.*, n w cor. Central Park west, five-st'y brick hospital, asphalt roof; cost, $50,000; owner, Arthur J. Horgan, Sheephead Bay, L. I.; architects, Hogan & Slattery, *World* Building, Park Row.

BUILDING INTELLIGENCE.

HOTELS.

Chicago, Ill. — Wisconsin-Michigan World's Fair Co., four-st'y hotel, 810-822 Seventy-third St.; cost, $15,000.

HOUSES.

Baltimore, Md.— Armiger & Flagg, 2 two-st'y brick buildings, Pinckney St., bet. Cross and Stockholm Sts.

Jno. E. Collimore, 52 three-st'y brick buildings, on Linden Ave., Konig, Ducatel and Bolton Sts.

S. A. Potter, 4 three-st'y brick buildings, e s Twentieth St., bet. McHenry and Hollins St.

Boston, Mass. — *Howell St.*, near Boston St., Ward 15, three-st'y frame dwell., flat roof, 23' x 48'; owners, E. A. McDonough and J. A. Ford; builders, Howard Bros.

Bateman Place, No. 5, Ward 14, three-st'y frame dwell., flat roof, 22' x 43'; owner, Stephen Clougherty; builders, Howard Bros.

Gold St., No. 61, Ward 13, three-st'y frame dwell., flat roof, 24' x 37'; owner, E. Martin Hatch; builders, Howard Bros.

Adie St., near Franklin St., Ward 25, two frame dwells., hip roofs, 20.6' x 51' and 24' x 36'; owner, Sarah A. Spinney; builders, W. H. Haddock & Co.

East Eighth St., No. 742, Ward 14, three-st'y frame dwell., flat roof, 22' x 43'; owner, Stephen Clougherty; builders, Howard Bros.

Central Square, No. 13, Ward 2, three-st'y frame dwell., mansard roof, 26' x 72'; owner, Mary E. Ingalls; builder, A. McLaren.

Parkway St., near Gosnold, Shrimpton and Cleveland Sts., Ward 1, 3 three-st'y frame dwells., flat roofs, 21.6' x 42'; owners, East Boston Co.; builder, J. Henry Stevenson.

Unnamed Place, off Wenham St., Ward 23, frame dwell., 29' x 45.2'; owner, George W. Harvey; builders, Woodbury & Leighton.

Wenham St., near Forest Hill Ave., Ward 23, frame dwell., 29' x 43.2'; owner, L. G. Ramsdell; builders, Woodbury & Leighton.

Wenham St., near Forest Hill Ave., Ward 23, frame dwell., 44' x 50'; owner, Mrs. Wallace C. Griffin; builders, Woodbury & Leighton.

Harvard St., No. 4, Ward 15, frame dwell., 25' x 44'; owner, Charles J. Kelley; builders, H. S. & N. Clark.

Washington St., No. 3265, cor. Boylston St., Ward 23, three-st'y frame dwell. and store, flat roof, 22.10' x 57.10'; owner, John Shilladay; builders, Allen & Dixon.

Washburn St., No. 20, Ward 15, three-st'y frame dwell., flat roof, 25' x 42'; owner, Stephen W. Hoppe; builders, H. S. & N. Clark.

Fenway Terrace, near Westland Ave., Ward 22, 4 four-st'y brick dwells., flat roofs, and 2 three-st'y,

(*Continued on page* xx.)

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BUILDING INTELLIGENCE.

mansard roofs, 25′ x 55′; owners, Fenway Land Co.; builder, Horace James.

Mellen St., near Ocean St., Ward 24, frame dwell., 24′ x 33′; owner, D. F. Keever; builder, H. M. Beal.

Humboldt Ave., cor. Monroe St., Ward 21, three-st'y frame dwell., pitch roof, 25′ x 55′; owner, Frank Darcey; builders, Decker Bros.

Kenney St., near Day St., Ward 22, three-st'y frame dwell., flat roof, 23.6′ x 40′; owner and builder, Charles D. Redmond.

Robin Hood St., cor. Hartford St., Ward 20, two frame dwells., 22′ x 47′; owner and builder, A. P. Clifford.

Richfield St., near N. Y. & N. E. R. R., Ward 24, three-st'y frame dwell. and store, flat roof, 26.4′ x 54.10′; owner, Owen Craner; builder, W. S. Cole.

Grampian Way, near Rockland Ave., Ward 24, three-st'y frame dwell., hip roof, 28′ x 30′; owner, Mary G. Nolan.

Seldon St., near Milton Ave., Ward 24, frame dwell., 25′ x 57′; owner, L. R. Wagner; builder, G. D. Crouss.

Farquhar St., near South St., Ward 23, frame dwell., 28′ x 43.2′; owners, Clara H. and Isabella Hatch; builder, J. L. Hatch.

Brookside Ave., near Cornwall St., Ward 23, 3 three-st'y frame dwells., flat roofs, 24′ x 44′; owner and builder, M. M. Favor.

Maiden Lane, near Reading St., Ward 20, three-st'y frame dwell., flat roof, 24′ x 41′; owner, Jacob Ainder; builder, Peter Schneider.

Humphrey St., near Dudley St., Ward 20, three-st'y frame dwell., flat roof, 24.6′ x 62′; owner, M. F. Pray; builder, J. A. Leslie.

Dorchester Ave., Nos. 1077 to 1081, Ward 24, 2 three-st'y frame dwells., flat roofs, 27′ x 55′; owner, B. J. Devine; builder, J. A. Daunt.

Brookline, Mass. — *Coolidge St.*, double frame dwell., 47′ x 71′; owner, Reinhold Klitzke; builder, A. S. McLachlan; architect, W. A. Rodman, Boston.

Brooklyn, N. Y.—*Ralph St.*, s s, 200′ w Central Ave., 4 three-st'y frame dwells., iron roofs; cost, $4,700 each; owner, Geo. Gutting, 1160 Putnam Ave.; architect, F. J. Lessing, 91 Ralph Ave.

Prospect Pl., s s, 350′ w Washington Ave., 2 three-st'y brick dwells., tin roofs, cost, $5,500 each; owner, Ann O'Connor, 26 Chapel St.

Cooper Pl., e s, 190′ s Herkimer St., two-st'y frame dwell., tin roof, cost, $4,500; owner and architect, N. H. Raymond, 164 Ralph Ave.

Jefferson Ave., n s, 300′ e Evergreen Ave., 10 two-st'y frame dwells., tin roofs; cost, $3,000 each; owner, Adolphus Glood, 1593 Broadway.

Pennsylvania Ave., 100′ n Liberty Ave., two-st'y frame dwell., tin roof; cost, $3,000; owner, B. Pink, Pennsylvania Ave.; architect, Wm. Danmar, Atlantic and Van Siclen Aves

McDonough St., s s, 200′ w Patchen Ave., 5 two-st'y brick dwells., tin roofs; cost, $5,000 each; owner and architect, C. G. Reynolds, 243 Reid Ave.

McDonough St., s s, 290′ w Patchen Ave., 3 two-and-one-half-st'y brick dwells., tin roofs; cost, $6,000; owner, C. G. Reynolds, 243 Reid Ave.

Pacific St., s s, 125′ w Rochester Ave., 7 two-st'y frame dwells., gravel or tin roofs; cost, $2,500 each; owner, T. Corning McKennee, 547a McDonough St.; architects, Sinclair, Doan & Horsfall, 136 Liberty St., New York City.

Butler St., s s, 17′ 10″ w Fourth Ave., 2 four-st'y brick dwells., tin roofs; cost, $15,000; owner and builder, Thos. T. Martin, 32 Fourth Ave.; architect, Walter M. Coot, 189 Montague St.

Sixth St., n s, 97′ 10½″ e Fourth Ave., 5 three-st'y brick dwells., tin roofs; cost, $4,500 each; owners, Lester & Anderson, 349 and 355 Twelfth St.; architect, W. O. Tait, 1269 Madison Ave., New York City.

Franklin Ave., e s, 50′ s Quincy St., five-st'y brick dwell., tin roof; cost, $16,000; owner, Mrs. S. M. Fickett, 301 Gates Ave.; architect, F. L. Hine, 301 Gates Ave.

Montauk Ave., e s, 200′ s Eastern Parkway, 2 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner, John Barrett, Dumont Ave.

State St., n s, 125′ w Hoyt St., five-st'y brick dwell., tin roof; cost, $20,000; owner, architect and builder, James Finlay, 120 First Pl.

Kingsland Ave., e s, 160′ 6″ s Driggs St., 2 three-st'y frame dwells., gravel roofs; cost, $4,200; owner, Agnes Mehlinger, 180 Kingsland Ave.; architect, Th. Engelhardt, 905 Broadway.

Henry St., e s, 50′ n Huntington St., four-st'y brick dwell., tin roof; cost, $7,000; owner, John Caulfield, Hamilton Ave. and Henry St.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Hageman Ave., s s, 20′ e Snediker Ave., 5 two-st'y frame dwells., tin roofs; cost, $1,400 each; owners, architects and builders, E. Garnier and P. Moreland, 2220 Pacific St.

Bergen St., s s, 150′ w Buffalo Ave., 3 two-st'y frame dwells., tin roofs; cost, $2,500 each; owner, architect and builder, N. A. Taylor, 126 Buffalo Ave.

Vernon Ave., s s, 100′ e Tompkins Ave., 2 four-st'y brick dwells., tin roofs; cost, $28,000; owner, Geo. J. Collins, Throop Ave. and Pulaski St.; architects, D. Acker & Son, Broadway and Flushing Ave.

Evergreen Ave., e s, 80′ 3½″ s Woodbine St., 2 two-st'y brick dwells., tin roofs; cost, $4,600 each; owner, Mr. Fort, Woodbine and Evergreen Aves.; architects, A. J. Lamb, 1245 Putnam Ave.; builders, J. W. Lamb & Son, 1068 Putnam Ave.

Fifty-seventh St., s s, 240′ w Fifth Ave., 6 two-st'y brick dwells., tin roofs; cost, $2,500 each; owner, architect and builder, Thomas Bennett, 211 Fifty-seventh St.

Quincy St., n s, 184′ e Franklin Ave., three-st'y brick dwell., tin roof; cost, $6,500; owner, John Dermott, 270 Schenck St.; architect, A. F. Buohl.

Schaeffer St., n s, 225′ e Bushwick Ave., 3 three-st'y frame dwells., tin roofs; cost, $5,200 each; owner, Ph. Steingotter, 1354 Bushwick Ave.; architect, Th. Engelhardt, 905 Broadway.

Nichols Ave., w s, 160′ n Union Ave., 3 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner and architect, T. W. Baker, Glen St., near Crescent St.

Chicago, Ill. — Mary Richter, two-st'y dwell., Meadow Lane and Kemper St.; cost, $3,000.

S. B. Gascoign, two-st'y dwell., Wood St. and Tracey Ave.; cost, $4,500.

Wisdom Bros., two-st'y dwell., 825 Sixty-first St.; cost, $4,000.

F. D. Owsley, three-st'y dwell., 412 Erie St.; cost, $6,000.

F. H. Doty, two-st'y dwell.; 301-303 Wilson Ave.; cost, $3,500.

John Hallowed, 2 two-st'y dwells., 521-523 Forty-fifth St.; cost, $14,000.

E. C. Jenson, two cottages, 152-154 Hamburg St.; cost, $3,000.

W. H. Evans, two-st'y dwell., 1049 Early Ave.; cost, $3,000.

Granville S. Ingraham, two-st'y dwell. and barn, 5520 Washington Ave.; cost, $15,000.

Malden, Mass. — *Main St.*, frame dwell., 30′ x 40′, with 16-foot L; owner, Henry J. Cox; contract to be let; architect, Tristram Griffin, Boston.

Salem St., frame dwell., 36′ x 48′; owner, D. P. Corey; contract being figured; architect, Tristram Griffin, Boston.

New York, N. Y. — *West End Ave.*, w s, 100′ n One Hundred and Fourth St., four-st'y brick dwell., mansard tin and tile roof; cost, $20,000; owner, Mary Mitchell, 239 West One Hundred and Fifth St.; architect, H. J. Hardenburgh, 10 West Twenty-third St.

Washington Ave., e s, 249′ 9″ n One Hundred and Seventy-ninth St., two-st'y brick and frame dwell., flat roof, cost, $3,300; owner, S. A. Graves, 169 East One Hundred and Sixth St.; architect, J. J. Vreeland, 711½ East One Hundred and Seventy-seventh St.

Oakland Pl., n s, 148′ w Prospect Ave., three-st'y brick and stone dwell., tin roof; cost, $3,500; owner, John O'Brien, 216 East One Hundred and Eleventh St.; architect, Herman Horenberger, 682 East One Hundred and Fifty-ninth St.

Union Ave., No. 813, three-st'y brick and frame dwell., tin roof; cost, $3,200; owner, Julius Wolf, 813 Union Ave.; architect, Herman Horenberger, 682 East One Hundred and Fifty-ninth St.

Spring Lake, N. J. — Three-st'y brick and frame dwell., shingle roof; for Rufus E. Shapley, Esq.

St. Louis, Mo. — Two-st'y brick dwell.; cost, $3,000; owner, P. Hussey; contractor, J. Wilkinson.

BUILDING INTELLIGENCE.

Two two-st'y brick dwells.; cost, $9,000; owner, F. W. Fout; contractor, J. W. Lister.

Two-st'y brick dwell ; cost, $9,000; owner, Mrs. F. Schum; contractor, P. Muicaly.

Two-st'y brick dwell.; cost, $4,500; owner, A. Hubert; contractor, Hahn.

Two-st'y brick dwell.; cost, $2,700; owner, J. Summer; contractors, Thomsen & Mertz.

Two two-st'y brick dwells.; cost, $10,000; owner and contractor, Thos. Flannery.

Two-and-one-half-st'y brick dwell.; cost, $16,000; owner, C. M. Christy; contractor, Adam Ridpath.

Two-and-one-half-st'y brick dwell.; cost, $7,000; owners and contractors, Conliff Bros.

Two-and-one-half-st'y brick dwell.; cost, $8,000; owner, Parish of St. Agatha; contractor, H. Freye.

Two-st'y brick dwell.; cost, $8,000; owner, Fred Smith; contractor, C. Linnenkohl.

Two-st'y brick dwell.; cost, $3,200; owner, A. Webb; contractor, W. Hambley.

Two-st'y brick dwell.; cost, $5,000; owner, L. Mathews; contractor, E. Paulus.

Two two-st'y brick dwells.; cost, $5,000; owner, J. Powers; contractor, Hemminghaus.

Two-st'y brick dwell.; cost, $10,000; owner, Thos. Farrelly; contractors, Thos. Roach & Vollmer.

Two-st'y brick dwell.; cost, $9,900; owner, Mrs. E. D. Pattee; contractor, A. Bauer.

Two-and-one-half-st'y brick dwell.; cost, $4,300; owner and contractor, J. H. Remmers.

Three-st'y stone dwell.; cost, $51,000; owner, Wm. McMillan; contractor, Fr. Green.

Three-st'y brick dwell.; cost, $38,000; owner, W. H. Thomburg; contractor, Fr. Green.

Two-st'y brick dwell.; cost, $3,500; owner, Dougherty Bros.; contractor, J. Costello.

Two-st'y brick dwell.; cost, $3,000; owner, R. Thombull; contractor, W. Wassman.

Two-st'y brick dwell.; cost, $4,500; owner, J. H. Grimm; contractor, Moran.

Two-and-one-half-st'y brick dwell.; cost, $4,000; owner, J. Oberwinder; contractor, Green.

Two-st'y brick dwell.; cost, $3,000; owner, Miss M. Parker; contractors, Theby & Parker.

Two-st'y brick dwell.; cost, $2,800; owner, H. Horstetter; contractor, F. W. Giese.

Two-and one-half-st'y brick dwell.; cost, $7,000; owner, A. B. Chapman; contractors, Taylor & Walton.

Wellesley Hills, Mass. — Frame dwell., 22′ x 58′; owner, Dr. W. B. Lancaster; builder, Freeman Phillips; architect, W. A. Rodman, Boston.

Worcester, Mass.—*Grand View Ave.*, two-st'y frame dwell.; owner, David Welsh; contractor, C. A. Stone.

Plantation St., three-st'y frame dwell.; owner, F. Dube; contractor, J. A. Courtmanche.

Fielding St., one-and-one-half-st'y frame dwell.; owner, Chadwich & Millens; contractor, J. J. Bebeau.

SCHOOL-HOUSES.

Chicago, Ill.—Board of Education, three-st'y school-house, Evanston Ave. and School St.; cost, $70,000.

Board of Education, three-st'y school-house, 354-376 Linden Ave.; cost, $70,000.

Congregation of the Holy Cross, school-house, 3036-3038 Lyman St.; cost, $3,000.

New York, N. Y. — *Kingsbridge Ave.*, w s, 300′ n Riverdale Ave., one-st'y stone and frame school-building, peaked, shingle roof; cost, $5,000; owner, Church of the Mediator; architect, Samuel L. Berrian, Kingsbridge.

Wellesley, Mass. — Frame six-room school-house, 41′ x 98′, with L 15.6′ x 61′; contract to be let; architect, W. A. Rodman, Boston.

STABLES.

Andover, Mass. — Frame stable, 37′ x 50′; owner, Mrs. John Byers; builders, Hardy & Cole; architects, Longfellow, Alden & Harlow, Boston.

Boston, Mass. — *Neponset Ave., rear, No.* 345, Ward 24, frame stable, 24′ x 47′; owners, Ellen Land and Caroline E. Hunt; builder, J. Q. A. Spear.

Metropolitan Ave., cor. Poplar St., Ward 23, frame stable, 20′ x 30′; owner, Charles Emmal; builders, Sittig Bros.

Brighton Ave., rear, near Reedsdale St., Ward 25, frame stable, 22′ x 48′; owner and builder, Frank W. Crocker.

Newbury St., No. 330, Ward 11, two-st'y brick stable, flat roof, 22′ x 100′; owner, C. U. Cotting; builders, Mead & Preble.

Brooklyn, N. Y. — *St. Marks Ave.*, s s, 275′ w New York Ave., two-st'y brick stable, slate and tin roof; cost, $3,500; owner, S. A. Parsons, St. Marks and New York Aves.; architect, Geo. P. Chappell, 24 State St., New York City.

Eleventh St., s s, 120′ e Fifth Ave., one and two-st'y brick stable, tin roof; cost, $6,000; owner, Thos. Dowd, on premises; architect, Robert Dixon, 219 Montague St.

Bergen St., s s, 350′ w New York Ave., two-st'y brick stable, tin roof; cost, $5,000; owner, E. G. Blackford, 1237 Pacific St.; architect, M. W. Morris, 45 Exchange Pl.

Camden, N. J. — *Mechanic St., No.* 1275, one-st'y frame stable; owner, Jno. A. Rapp.

STORES.

Boston, Mass. — *Washington St., No.* 2827, Ward 21, one-st'y frame store, flat roof, 42′ x 50′; owner and builder, A. G. Weatherbee.

Brooklyn, N. Y.—*Sheffield Ave.*, s e cor. Sutter Ave., 4 two and three-st'y frame stores and dwells., tin roofs, total cost, $14,500; owner, C. Foss, Rockaway and Sutter Aves.; architect, Chas. Infanger, 126 Van Siclen Ave.

Glenmore Ave., n e cor. Alabama Ave., three-st'y frame store and dwell., tin roof; cost, $5,000; owner and builder, Louis Ilsemann, Ashford St., near Atlantic Ave.; architect, Louis F. Schillinger, Liberty Ave., cor. Barbey St.

Central Ave., w s, 50′ n Woodbine St., three-st'y frame store and dwell., tin roof; cost, $4,500; owners and builders, Welcher & Affel, 1218 Gates Ave.; architect, H. Vollweiler, 488 Hart St.

Central Ave., w s, 25′ n Woodbine St., three-st'y frame store and dwell., tin roof; cost, $4,500; owners and builders, Welcher & Affel, 1218 Gates Ave.; architect, H. Vollweiler, 483 Hart St.

Sixth Ave., n e cor. Fifth St., 5 four-st'y brick stores and dwells., tin roofs; cost, $30,000; owner and builder, L. Bonert, 528 Tenth St.; architect, W. M. Coots, 189 Montague St.

Nevins St., w s, 50′ s Flatbush Ave., seven-st'y brick store, office, dancing and banqueting hall and lodge rooms, tin roof; cost, $75,000; owners, Johnston Bros., Flatbush Ave. and Nevins St.; architect, M. J. Morrill, 357 Fulton St.

McDonough St., n w cor. Reid Ave., four-st'y brick store and dwell., tin roof; cost, $8,000; owner and architect, P. F. Emmet, 243 Reid Ave.

Harman St., s s, 250′ w Irving Ave., 4 three-st'y frame stores and dwells., tin roofs; cost, $5,000 each; owner, Geo. Straub, 809 Willoughby Ave.; architect, Th. Engelhardt, 905 Broadway.

Columbia St., No. 67, four-st'y brick store and dwell., tin roof; cost, $10,000; owner, P. J. Morrison, Furman and Atlantic Sts.; builders, M. Gibbons & Sons, 318 Columbia St.

Knickerbocker Ave., s w cor. Grattan St., 4 four-st'y frame stores and dwells., tin roofs; cost, $20,000; owners, Mrs. Schreiber and Mrs. Erk, on premises.

Tenth St., n s, 100′ w Fifth Ave., two-st'y brick store, tin roof; cost, $4,500; owner, John McCormick, Fifth Ave. and Ninth St.; builder, Daniel Ryan, 723 Third Ave.

Greene Ave., s e cor. Waverly Ave., three-st'y brick store and dwell., tin roof; cost, $10,000; owner, John H. Lamke, Greene and Waverly Aves.; architect, Th. Engelhardt, 905 Broadway.

Harman St., n s, 325′ e Knickerbocker Ave., 2 three-st'y frame stores and dwells., tin roofs; cost, $5,000; owner and builder, Adam Eich, 693 Park Ave.; architect, W. B. Wills, 371 Fulton St.

Dumont Ave., s s, bet. Sackman and Christopher Sts., 10 two and three-st'y frame stores and dwells., tin roofs; total cost, $27,200; owner and builder, Samuel Cherousky, Eastern Parkway and Osborne St.; architect, Wm. Danmar, Atlantic and Van Siclen Aves.

Bushwick Ave., e s, 25′ s Montieth St., three-st'y frame store and dwell., tin roof; cost, $4,000; owner, F. Huber, Monteith St.; architect, Th. Engelhardt, 905 Broadway.

Seigel St., No. 44, five-st'y brick store and dwell., tin roof; cost, $8,000; owners, Goldberg & Feinberg, 89 Seigel St.; architect, H. Smith, 10 Moore St.

Third Ave., n e cor. Fifty-eighth St., and *Third Ave.*, s e cor. Fifty-ninth St., 10 four-st'y brick stores and dwells., tin roofs; total cost, $54,000; owner, Chas. Hart, 710 Degraw St.; architect, Jas. H. Pigot, 189 Montague St.

Knickerbocker Ave., w s, 50′ s Starr St., three-st'y brick store and dwell., tin roof; cost, $6,000; owner, Julius Dewald, 114 Central Ave.; architect, Frank Holmberg, 1169 Broadway.

Hopkinson Ave., n e cor. Atlantic Ave., and *Ocean Pl.*, n w cor. Atlantic Ave., 2 three-st'y frame stores and dwells., gravel roofs; cost, $5,000 each; builder, C. Marten, 602 Hamburgh Ave.

MISCELLANEOUS.

Boston, Mass. — *Spring St., rear*, near Charles St., Ward 23, one-st'y frame boat house, pitch roof, 40′ x 45′; owner and builder, R. J. Hiatt.

Congress St., near B St., Ward 13, one-st'y frame storage, flat roof, 70′ x 250′; owner, Walworth Mfg. Co.

Hanover St., No. 35, *rear*, Ward 7, four-st'y brick restaurant, flat roof, 32′ x 34.6′; owner, R. Marston & Co.; builders, Woodbury & Leighton.

Fleet St., rear, No. 20, Ward 6, one-st'y brick bakery, flat roof, 20′ x 26′; owner, T. McCormick; builder, Frank Finn.

Adams St., nearly opp. Granite Ave., Ward 24, frame club-house, 40′ x 54′; owner, Codman Club.

Camden St., No. 212, Ward 19, one-st'y brick storage, flat roof, 14.8′ x 44.8′; owner, Standard Cordage Co.; builder, Herman Drake.

Brooklyn, N. Y. — *Smith St.*, e s, 100′ s Ninth St., one-st'y frame car house, gravel and felt roof; cost, $7,000; owner, Coney Island and Brooklyn Railroad Co., Smith and Ninth Sts.; architect, Stephen Hazzard, 175 Pacific St.

Boerum St., No. 157, five-st'y brick tailor shop, tin roof; cost, $5,000; owner, Kaufmann Fisher, on premises; architect, H. Vollweiler, 483 Hart St.

Seigel St., n s, 500′ e Bushwick Ave., one-st'y brick storehouse, tin roof; cost, $3,900; owners, Wm. Wall's Sons, Bushwick Ave. and Seigel St.; architect, H. F. Stoddard, Bushwick Ave.

Osborn St., e s, 200′ s Lavina Ave., 2 three-st'y frame tailor shops, tin roofs; cost, $4,000 each; owner, M. A. Tostevin, Osborn St.; architect, A. J. Warren, 2581 Atlantic Ave.

Siegel St., No. 44, five-st'y brick shop, tin roof; cost, $4,000; owners, Goldberg & Feinberg, 89 Seigel St.; architect, Hugo Smith, 10 Moore St.

Classon Ave., n w cor. Willoughby Ave., two-st'y brick Sunday-school, tin roof; cost, $20,000; owner, St. Mary's Church, Brooklyn, on premises; architect, C. B. Reed, 245 Broadway, New York City.

Cambridge, Mass.—*Off Brattle St.*, four-st'y dormitory, 32.6′ x 152′; of Brighton stone with brownstone trimmings; for the Episcopal Theological School; builders, McNeil Bros.; architects, Longfellow, Alden & Harlow, Boston.

Chicago, Ill. — Armour & Co., three-st'y electric and one-st'y boiler-house, Packers Alley; cost, $12,000.

Siemens-Halske Co., one-st'y carpenter-shop, Wood St., near Blue Island Ave.; cost, $50,000.

Star Brewing Co., boiler and engine-house, Rockwell and Fulton Sts.; cost, $25,000.

Mutual Fuel-Gas Co., generator building, South Chicago Ave. and Seventy-third St.; cost, $3,000.

New York Biscuit Co., bakery, barn and power-house, 284-302 West Randolph St.; cost, $250,000.

Hahnemann Medical College, four-st'y college, 2811-2815 Cottage Grove Ave.; cost, $40,000.

Chicago Historical Society, three-st'y library building, Ontario St. and Dearborn Ave.; cost, $150,000.

World's Columbian Exposition, two-st'y police station, 6446-6450 Grace Ave.; cost, $20,000.

Illinois Central Railway Co., three-st'y depot and ten-st'y office-building, Lake Park Pl.; cost, $1,000,000.

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Treasury Department, Office Supervising Architect, Washington, D. C., September 26, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 14th day of October, 1892, and opened immediately thereafter, for all the labor and materials required for the erection and completion of the United States Naval Observatory, Army Hospital and Weather Bureau Buildings at the World's Columbian Exposition, Chicago, Ill., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Chicago, Ill. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Erection and Completion of the United States Naval Observatory, Army Hospital and Weather Bureau Buildings at the World's Columbian Exposition, Chicago, Ill.," and addressed to W. J. EDBROOKE, Supervising Architect. 876

Treasury Department, Office Supervising Architect, Washington, D. C., September 17, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 14th day of October, 1892, and opened immediately thereafter, for all the labor and materials required for the erection and completion (except plumbing, gas-piping, heating-apparatus, elevators, electric wiring and approaches) of the United States Appraiser's warehouse at New York City, N. Y., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at New York City, N. Y. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids, or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposals for the Erection and Completion (except Plumbing, Gas-piping, Heating apparatus, Elevators, Electric Wiring and Approaches) of the United States Appraiser's Warehouse at New York City, N. Y.," and addressed to W. J. EDBROOKE, Supervising Architect. 875

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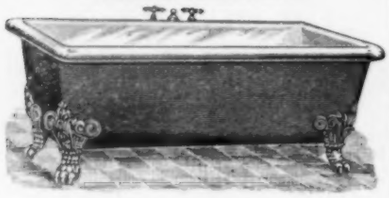

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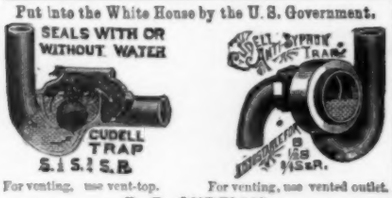

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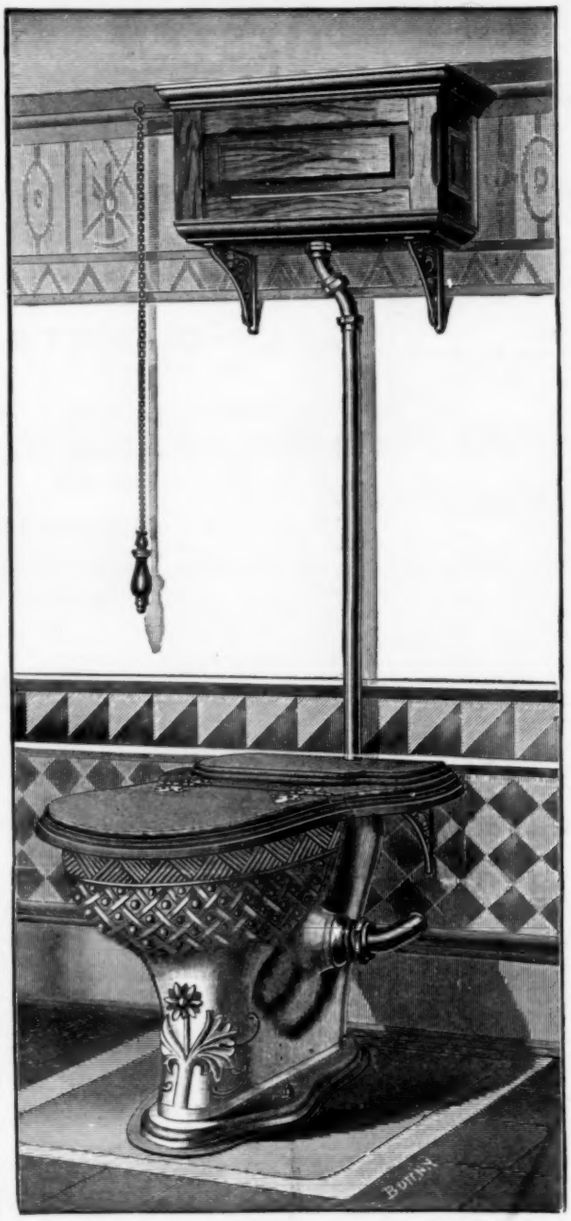

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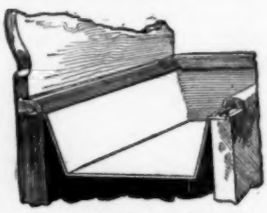

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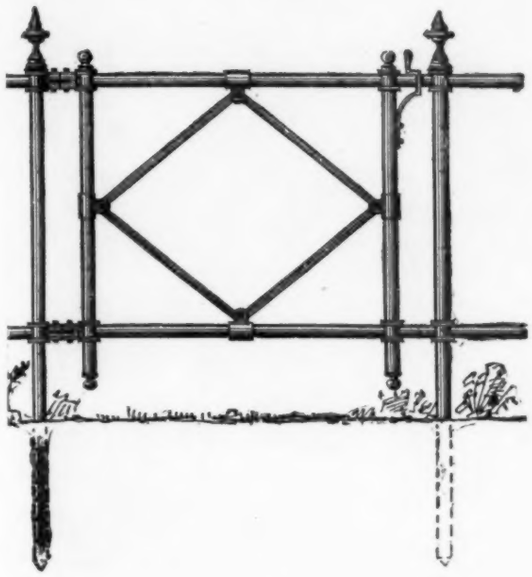

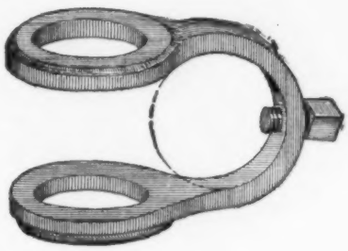

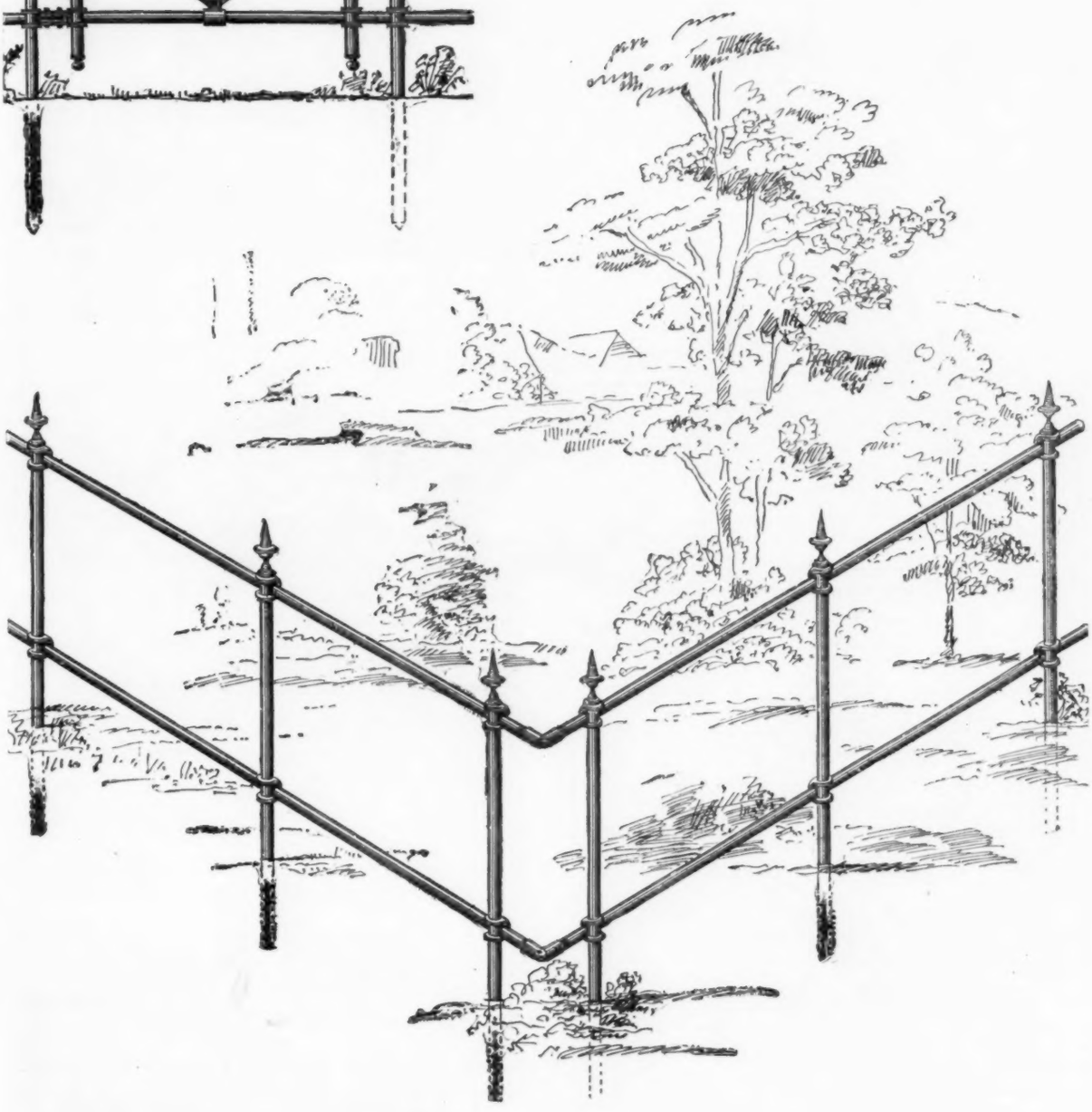

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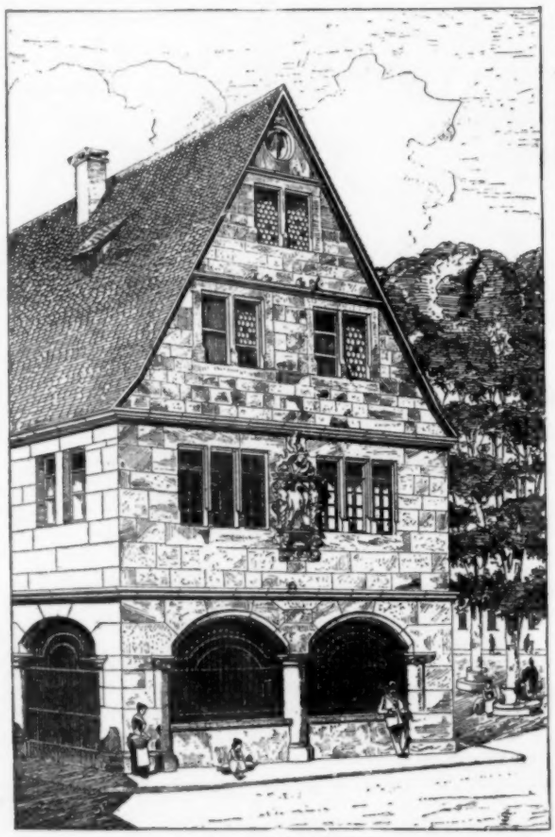

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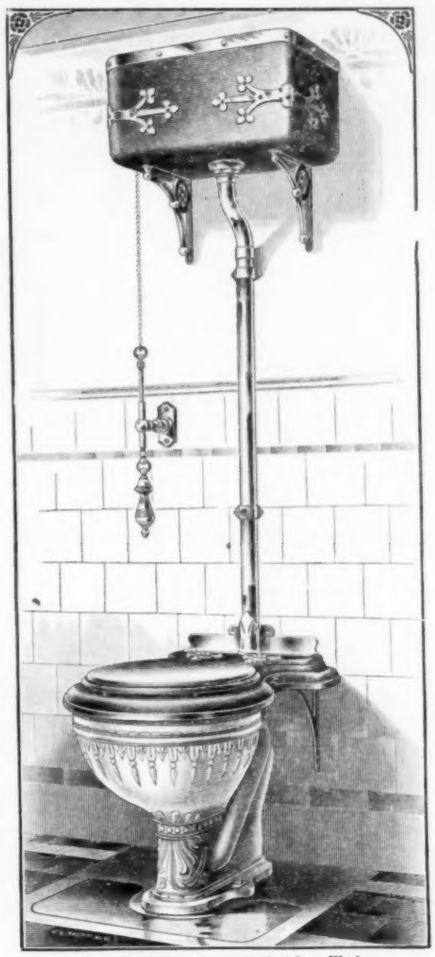

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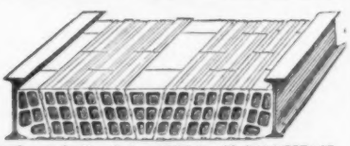
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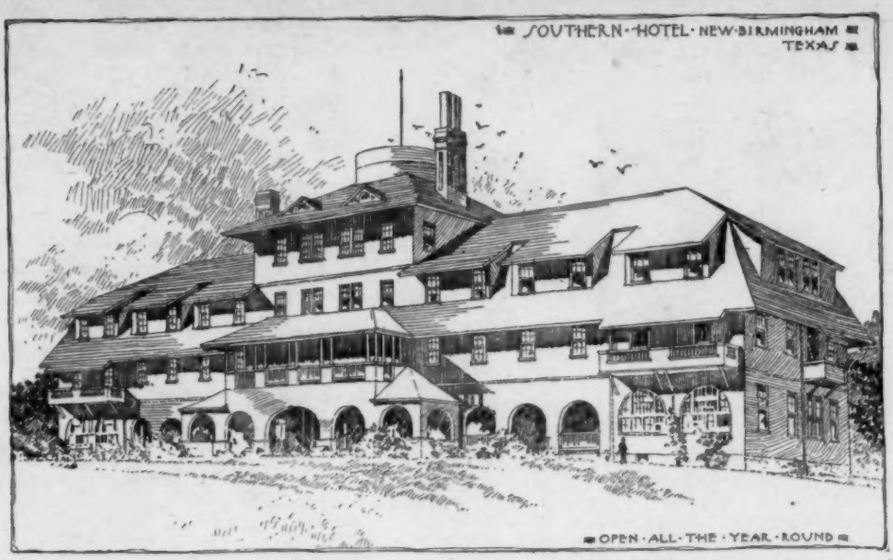

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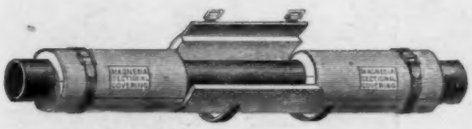

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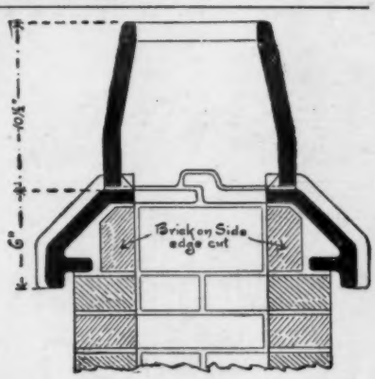

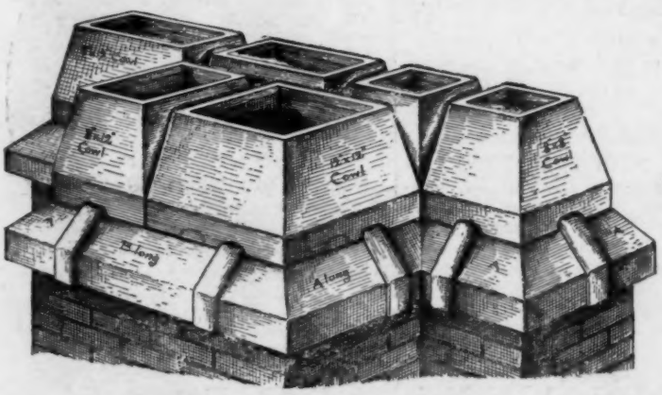

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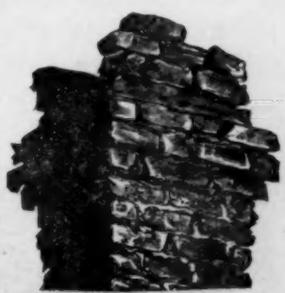

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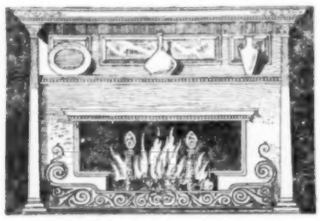

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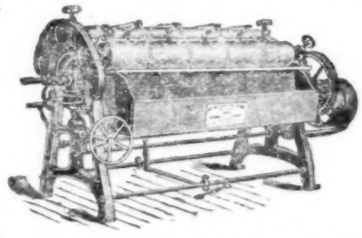

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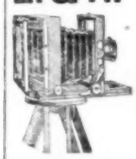

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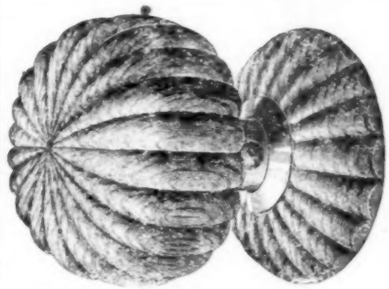

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BUILDING MATERIALS.

	New York. (*Wholesale Prices.*)	Boston. (*Wholesale Prices.*)	Chicago. (*Prices to Builders and Contractors.*)	Philadelphia. (*Prices to Builders and Contractors.*)
LUMBER.—℔ M.				
Boards: (*Ordinary dimensions.*)				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	30 00 @ 47 00	48 00 @ 55 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce	@ 25 00	13 50 @ 25 00	*Not sold.*	16 00 @ 20 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
Yellow pine	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress	@	31 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine	@	38 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce	@	23 00 @ 35 00	*Not sold.*	*Not sold.*
Framing Timber:				
Pine			12 00 @ 15 00	25 00 @ 37 30
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	16 00 @ 18 00
Hemlock	12 00 @ 16 00	13 00 @ 15 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		22 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce	2 85 @ 3 00	2 35 @ 2 50	*Not sold.*	2 30 @ 3 00
Shingles:				
Pine, shaved ℔ M.	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ℔ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	30″ $35 @ 40
Cedar split ℔ M.	@	@	*Not sold.*	24″ 8 @ 21
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	20″ 35 @ 14
Cypress. Split....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ℔ ft.	4½ @ 5½	Piles 6c. ℔ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P.10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ℔ M. (*First Qual. [Kiln-dried.]*)				
Ash	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	90 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 48 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ℔ ℔	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ℔ M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	@ 42 00

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BUILDING MATERIALS.

Reported for the American Architect and Building News.

BRICK.—₱ M.	New York. (Wholesale Prices.)	Boston. (Wholesale Prices.)	Chicago. (Prices to Builders and Contractors.)	Philadelphia. (Prices to Builders and Contractors.)
Common: *Cargo afloat.*				In Yard.
Pale	1 75 @ 2 00	Eastern }	Building Brick	Sq. Hard @ 9 00
Jersey	4 00 @ 4 75	9 00 @ 10 00 }	@ 6 50	" @ 7 00
Long Island	@	Bay State Hard		Salmon @ 5 00
Up River	4 00 @ 4 75	7 00 @ 8 00		Sq. " @ 9 00
Haverstraw Bay 2d	4 75 @ 5 00	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 00 @ 5 25	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia }		Red "
" dark	@ 14 00	40 00 @ 45 00 }		@ 13 00
" red	@ 14 00	Phila. mould }		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00 }	15 00 @ 27 00	@ 13 00
" Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @100 00		@ 100 00	Dom. { @ 65
Enamelled (edge and end)	90 00 @115 00		@ 120 00	{ @ 80
CEMENT, LIME, etc.—(₱ *cask.*)				1 30 @ 1 50
Rosendale Cement	85 @ 95	1 20 @ 1 40	*Not sold.*	BS&Co 2 75 @ 3 00
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	2 85 @ 3 25
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 15
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 75 @ 3 00
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 2 85
" " (Burnham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	Hemmoor
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 50 @ 2 75
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	2 75 @ 2 85
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	Josson
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 60 @ 2 75
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	3 00 @ 3 25
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 75 @ 2 85
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	
" " (Hanover)	2 50 @ 3 00		*Not sold.*	
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	1 75 @ 2 00	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	{ White Mash
Wisconsin Lime			60 @	{ 1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 85	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 95	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 82	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush.*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	21 @ 25	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)	@ 60			55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine	@	10 50 per ton	@ 1 00	₱ Perch @ 4 50

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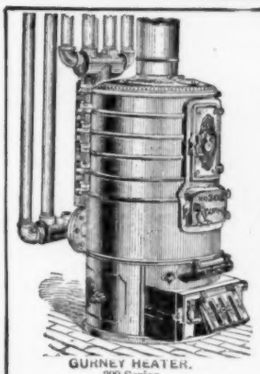
	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago.	Philadelphia.
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	95 @ 1 1
Kibbe	@ 90	90 @ 1 10	@	1 05 @ 1 35
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	55 @ 1 00
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" green	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" purple	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	50 @ 10 25
" red	4 25 @ 4 75	@	6 25 @ 6 85	225 @ 4 00
" black, Lehigh	@	@	7 30 @ 8 00	00 @ 4 65
" " Chapmans	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
" Unfading black, Monson, Me	@	@	*Not Sold.*	@ 25 00
Tiles, Am ...℔ M	@	@	@	6 00 @ 6 75
N. Peach Bottom, warranted unfading				
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6½ @ 7	@ 7½
" " zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7 @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	70 @ 5 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	55 @ 62	44 @ 45	57 @ 60	@ 60
" " boiled "	58 @ 65	47 @ 48	60 @ 63	@ 63
Turpentine "	36 @ 37	@ 34	51 @ 51	@ 44
Varnish, coach "	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac "	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (℔ dry)	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am	5½ @ 6	7 @ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 10	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 40	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask
Butts: 4″ x 4″ ...(℔ doz. pairs.)	@ 1 00	@ 1 20	@ 90	2 90 (all kinds.)
Plain	@ 1 50	@ 1 75	*Not Sold.*	@ 90
Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 00
Acorn, Japanned	@ 65	@ 50	*Not Sold.*	1 35 @ 2 75
Ball Tip, Boston Finish ...(℔ pair.)	@ 1 90	plain 1 65	2 00 @ 3 25	48 @ 50
Bronze metal	@ 10	@ 10	@ 12	@ 1 25
Brass (for cupboards.)	@	@	@	@ 1 00
Ebony	@	@	@	@ 35
Apple wood				37 @ 1 00
Knobs: (℔ *set.*)	@ 8	@ 8	8 @ 10	@ 08
Mineral, best	@ 50	@ 75	65 @ 80	*Not Sold.*
Lava	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Hemacite	@ 30	@ 10	25 @ 30	@ 25
Porcelain	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, solid	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Glass, silvered	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	@	@	13 @ 16	13½ @ 16
Solder:	@	@ 7½	@ 7	@ 6¾
Sheet Lead	@	@ 6½	@ 6½	6 @ 6
Lead Pipe				
Iron:				
I-Beams, up to and including 36 ft	3 3-10 @ 3½	@ 3 4-10	@	@ 2 8-10
I-Beams, over 30 ft., ¼, ½, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel Beams	3 3-10 @ 3½	@ 3 4-10	3 20 @ 3 70	@ 2 8-10



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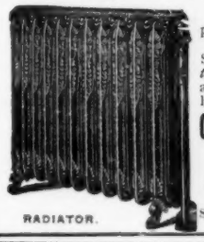

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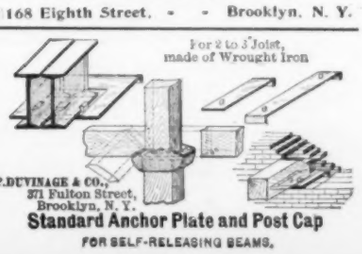

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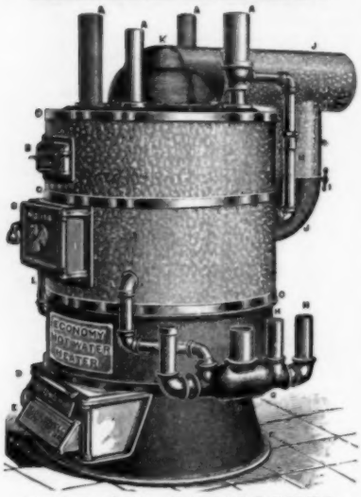

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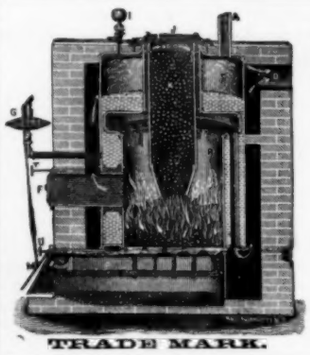

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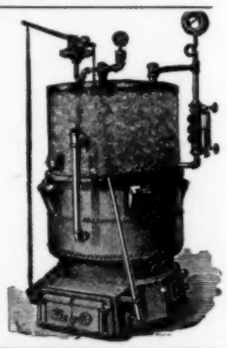

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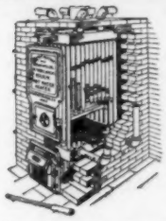

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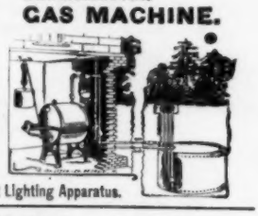

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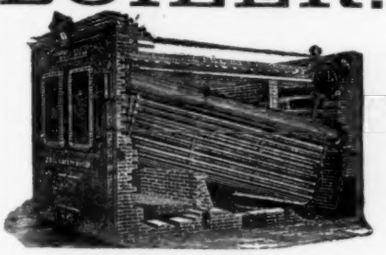

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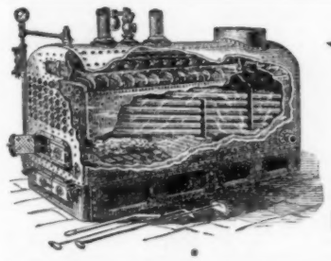

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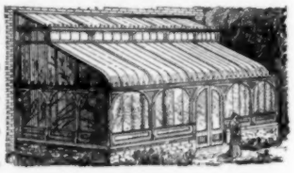

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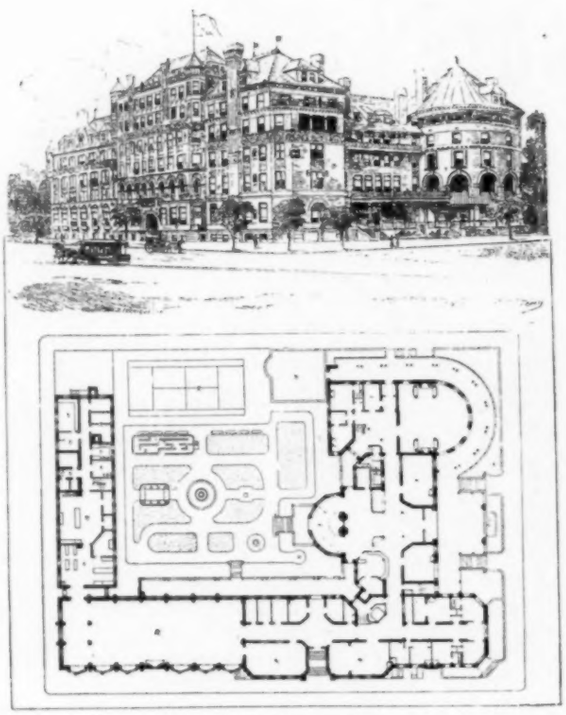

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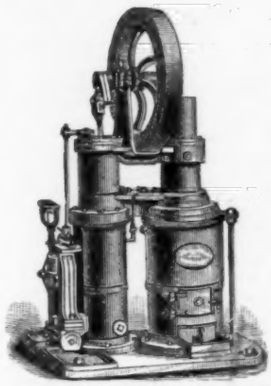

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Absolutely Safe.
A Supply of Water without waiting for Wind as is the case with Wind Mills.
We are the only concern building this engine in their their own shops. We are the Original Makers. Reduced prices to Architects and Builders.
RIDER ENGINE CO., 37 Dey St., NEW YORK.
Chicago Office, 88 Lake Street.
Send for Catalogue No. 8.
Improved Ericsson Pumping Engines at Reduced Prices. Send for Circular.

BUFFALO HOT BLAST APPARATUS
For Heating and Ventilating all Large Buildings
BUFFALO FANS FOR ALL VENTILATING USES
SEND FOR CATALOGUE BUFFALO FORGE CO. BUFFALO, N.Y.

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WROUGHT IRON AND BRASS WORK TO SPECIAL DESIGNS ONLY.
REFERENCES: Tiffany & Co., N. Y.; Cottier & Co., N. Y.; L. Marcotte & Co., N. Y.; McKim, Mead & White, N. Y.; Babb, Cook & Willard, N.Y.; Bruce Price, N. Y.; R. M. Hunt, N. Y.; Bailey, Banks & Biddle, Phila.; Frank Hill Smith, Boston.; A. H. Davenport, Boston.

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Makes Standard, Uniform Gas, without Fire, Danger, Smoke or Smell, using plain Bat-wing Burners.
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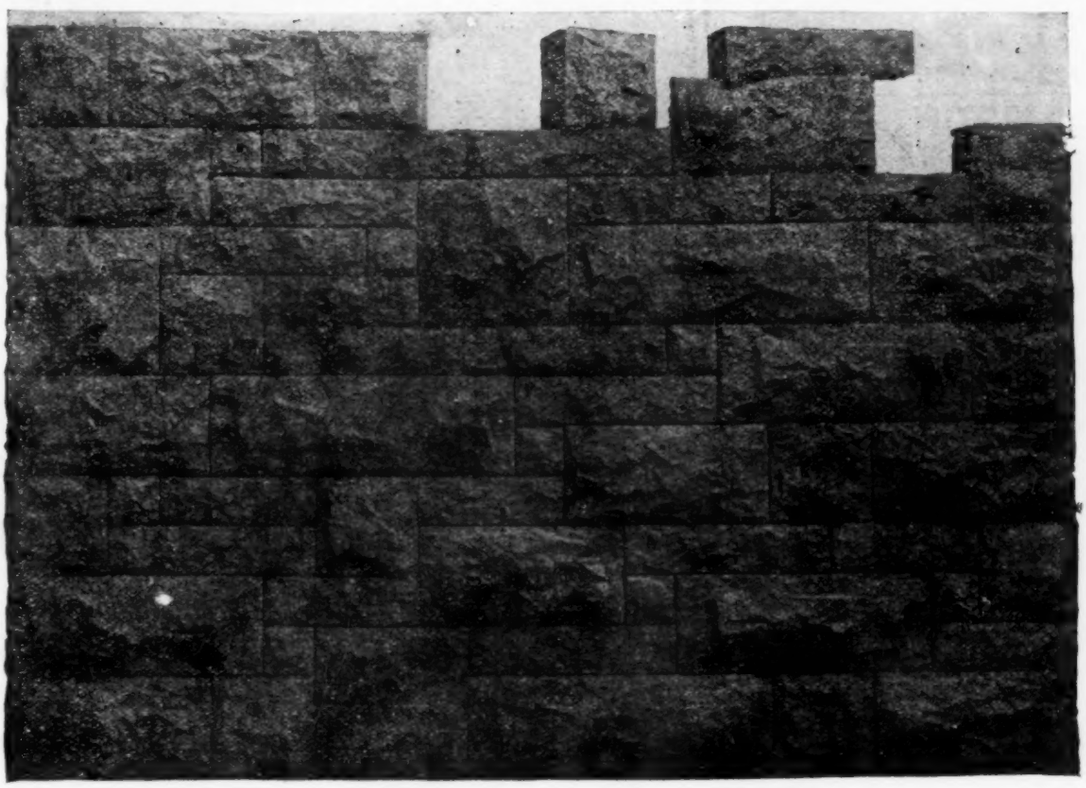

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Water for the upper floors of City and Country Residences. Water for Lawns and Gardens.

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DELAMATER IRON WORKS,

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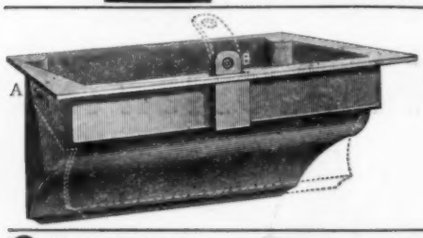

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Jackson Ventilating Grate

is especially adapted to heat and ventilate Club Houses and Hotels. Tobacco smoke removed without drafts.

Send for Catalogue B.

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SAMSON SOLID-BRAIDED ASH CORD

Should be named in Specifications.

Send for Samples.

Is guaranteed free from waste and imperfections of braid.

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SAMSON CORDAGE WORKS,

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JENKINS BROS.' VALVES.

Every valve tested and warranted, all parts interchangeable,
Nothing but best Steam Metal used in the manufacture.
Keyed Stuffing Box and Disc Removing Lock Nut
Is used only in the Jenkins Bros.' Valves.
None are genuine unless stamped with "Trade Mark."
Should you order INSIST on having Jenkins Bros.' Valves.

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FOR TIN OR SHINGLE ROOFS AND IRON WORK. IT IS ABSOLUTELY WITHOUT AN EQUAL.

Tin roofs well painted have not required repainting for 10 to 15 years.

If you need any paint it will pay you to send for circular.

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Of Public Buildings, Hospitals, Warehouses, Stables, Cellars, etc.

Laid with VAL de TRAVERS ROCK ASPHALT,

DURABLE, FIREPROOF AND IMPERVIOUS.

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Will not leak.
Ordinary boiler tested to 200 lbs.
Extra heavy tested to 300 lbs.
Made of two seamless drawn copper Shells.
Not recommended for a working service of more than half the test.
Handsomest, best and strongest in the market.
Send for circular giving instructions for prevention of accident.

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Manuf's of SEAMLESS AND BRAZED TUBING OF ALL KINDS.

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Bell Founders and Brass Finishers.

Castings in any metal except iron.

Monumental Tablets, Artistic Brass Work.

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Compound light-spreading Silver-plated Corrugated Glass

REFLECTORS

A wonderful invention for lighting Halls, Churches etc. Satisfaction guaranteed. Catalogue and price list free.

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Inlaid Wood Floors 5-16 and 7-8 inch thick,

Solid work, Tongued and Grooved in each piece.

Designs & Estimates on application. Established 1867.

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The Newest and Best Styles for Sunday-Schools, Churches, Opera-Houses, Lodgerooms, Halls, Offices, Etc., Etc.

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OF ALL KINDS

FOR BUILDINGS, ETC.

POINTS ON VARNISH.

NO. 170.—RESPONSIBILITY.

The great misfortune—shall we not also say the great crime?—of the world is ignorance. In teachers it is crime. To the busy multitudes who must depend on specialists for their help in a thousand directions, it is a misfortune—an incalculable misfortune, if the teachers fail them.

The Physician must know about diseases and medicines. The Architect must know about varnish. People trust the Architect in the building of their homes just as they rely upon the doctor in time of sickness. The Physician directs the nurse, and the Architect gives orders to the builder. Whether he will or no, the architect must bear the responsibilities.

A few years ago architects were excusable for not knowing where to get the exact varnish for this or that work.

Today, varnish-making is a science. A special kind of varnish, adapted to each need, is produced with infinite care. There is no longer any excuse for mistake. For outside and inside finishing our two grades of T. W. F. are the exact material.

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To ARCHITECTS:

If you desire to recommend a firm as one thoroughly capable of supplying *complete* furnishings for a hotel, club-house or private residence, you can mention us *with confidence.*

We supply CARPETS, RUGS, UPHOLSTERY FABRICS, FURNITURE, ETC., ETC.

Our *goods* are right; our *prices* are right.

We make a specialty of *private and exclusive patterns* which cannot be duplicated elsewhere.

John H. Pray, Sons & Co.,
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Opposite Boylston Street,
BOSTON.

Ornamental Hardwood Floors,
Walls, Borders, Wainscotings, Ceilings,
OF FINEST GRADES. Foreign and Domestic Hardwoods

WRITE FOR BOOK OF DESIGNS.
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Sidewalk —AND— **VAULT LIGHTS.**

Sole Manufacturers of the

Ross Patent Light.

FLOOR and ROOF LIGHTS.
DAUCHY IRON WORKS,
84, 86 & 88 Illinois Street,
CHICAGO, ILL.

October

has come to paint the trees with glorious tints of Autumn. Unfortunately, though brilliant, they are not enduring, and the winter frosts will soon turn their beauty to dull tones of faded brown. Nature can afford to be lavish with her colors, but when men paint they want durability. There is no more durable mixed paint in the market than "TOWN AND COUNTRY."

Do you want a pocket case containing sample shades of these paints?

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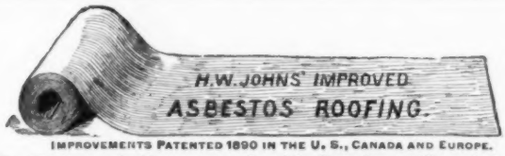
NEW YORK.
CINCINNATI.



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H. W. JOHNS MANUFACTURING COMPANY,

H. W. Johns' Asbestos Fire and Water-Proof Sheathing, Building Felt, Steam Packings, Boiler Coverings, Liquid Paints, Roof Paints, Roof Cement, Fire-Proof Paints, etc.

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ROCK FINISH

The MOST Durable of all Varnishes. :: ::
Effective Varnish for House Finishing.

Highest Award Master Painters' National Association.
The Favorite Varnish of the N.Y. City Master Polishers.

THE WATTS DeGOLYER CO.,
No. 311 Amsterdam Ave., NEW YORK. CHICAGO, ILL.

Awarded the Grand Prize at the late Paris Exposition.

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The American Architect and Building News

IS PUBLISHED EVERY SATURDAY BY

TICKNOR & COMPANY,

211 Tremont St., Boston, Mass.

For the American Architect and Building News Co.

Advance Subscription Rates.

Regular Edition, $6.00 per year; six months, $3.50.
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Advertising rates: For "wants" and "proposals," 15 cents per line, [8 words to the line] each insertion. 50 cents the least charge. Other rates on application.

New Advertisements.

CHAS. M. HIGGINS (Brooklyn, N. Y.), Drawing Ink. Page v.

NEW YORK METAL CEILING CO. (New York, N. Y.), Metal Ceilings. Page 4, Cover.

MERCHANT & CO. (Philadelphia, Pa.), Tin Plate. Pages iii and xviii.

WANTED.

SUPERINTENDENT. — We desire to secure the services of a first-class man to take charge of a drapery and interior decorative department; he must have a thorough knowledge of wall, ceiling and window decorating. Apply personally or by mail to the Hayden Furniture Co., Rochester, N. Y. 877

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POSITION. — Wanted, position in an architect's office in New York City or vicinity, by a man of seven years' experience in the best offices in the country. Design, perspective and superintending specialties. Well up in specification writing and detail. Best of references will be furnished. Address "D. P.," care of *American Architect*. 876

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WANTED.

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TO ARCHITECTS.

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ARCHITECTURAL PERSPECTIVE drawings and efficient temporary assistance by a staff of first-class designers, draughtsmen and colorists. Address Secretary, Guild of Artists, Rooms 39 and 40, 430 Walnut Street, Philadelphia, Pa. t.f.

BUILDING PATENTS.

[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

482,562. Shutter-Worker. — James S. Patten, Baltimore, Md.

LAUNDRY "ANKD" MACHINERY.

HOTEL and INSTITUTION WORK CAREFULLY HANDLED.

ESTABLISHED 1861. Send for Catalogue. OAKLEY & KEATING, 40 Cortlandt St., New York.

BUILDING PATENTS.

482,625. Scaffold.—John Dunbar, Brooklyn, N. Y.

482,657. Cast-Iron Sectional Boiler. — Henry A. Smith, Detroit, Mich.

482,679. Heating Apparatus. — John N. Gates, Holyoke, and Eugene N. Gates, Fitchburg, Mass.

482,690. Brick-Drier. — Francis E. McElfresh, New Cumberland, W. Va.

482,704. Mortising-Chisel. — Charles L. Wall, Philadelphia, Pa.

482,710. Sash-Holder. —William H. Dalbey, Indianapolis, Ind.

482,754. Urinal. — William S. Ross, Madisonville, Ky.

482,771. Stand for Window-Shutters. — Augustus D. Webster, Springfield, Ill.

482,772. Combined Cooking and Hot-Water Heating Stove.—Margaret A. Wilcox, Chicago, Ill.

482,794. Latch.—Myron R. Hubbell, Wolcott, Vt.

482,811. Window-Screen. — Samuel Roebuck, New York, N. Y.

482,817. Door-Fastener. — William W. Tanner and Theodore W. Burch, Fremont, Mich.

482,836. Door-Closer.—Ely M. Wyant, Waterloo, Iowa.

482,851. Chimney-Cap. — William A. Pearce, Houghton, Mich.

482,886. Combined Ruler-Gauge and Circle-Scriber.—Lewis M. Weaver and Zacharias C. Leiser, Lock Haven, Pa.

482,888. Double-Blade Bevel-Gauge. — John Fox, New York, N. Y.

482,889. Construction of Storage-Rooms. — William Greisser, Chicago, Ill.

482,890. Building-Block.—Carl Grünzweig, Ludwigshafen-on-the-Rhine, Germany.

482,900. Folding-Square. — William H. Goldsberry, Chicago, Ill.

482,905. Chimney Cap or Ventilator. —George M. McCloskey, Brooklyn, N. Y.

482,923. Water-Closet. — Sidney Jennings and John Morley, Lambeth, England.

482,966. Disinfecting and Deodorizing Cover for Commodes, Water-Closets, etc.— Jesse Kinney, Detroit, Mich.

482,976. Lock.—William Nehring, Evansville, Ind.

482,987. Dry-Closet. — Cornelius B. Tompkins, Elmira, N. Y.

482,989. Window-Frame and Sash.—James Wilson, San Francisco, Cal.

483,018. Drying-Stove for Bricks or other Materials.—Albert Schaaf, Halle, Germany.

483,025. Safety Attachment for Elevators. —Andrew A. Stoltzenburg, St. Louis, Mo.

483,076. Weather-Strip. — Daniel D. Mayfield, Sullivan, Ind.

483,096. Blind-Stop. — Ferdinand Blauss, New York, N. Y.

483,105. Brick. — Leonard H. and Henry H. de Fernelmont, Detroit, Mich.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING SEPTEMBER 30, 1892.

From Antwerp. — Steamer "*Pennland*," 3,000 barrels cement, order. Steamer "*Noordland*," 900 barrels cement, E. Thiele; 60 girders, Brown Bros. & Co.; 2 blocks marble, Taber & Co.; 100 barrels cement, A. J. Guysters; 4,000 do., order. Steamer "*De Ruyter*," 1,000 barrels cement, order.

From Bremerhaven.—Ship "*Earl of Shaftesbury*," 6,496 casks cement, order.

From Geestemunde. — Ship "*Marie Siedenburg*," 2,072 barrels cement, order.

From Genoa. — Steamer "*Werra*," 19 cases asphalt, Gumbrecht & Co.

From Glasgow.—Steamer "*State of Nebraska*," 210 cases granite, Austin Baldwin & Co.; 2,000 fire bricks, James E. Ward & Co.; 15 blocks stone, G. P. Sherwood; 34 cases granite, R. F. Downing & Co.

From Hamburg. — Steamer "*Reindeer*," 5 casks cement, 2,000 barrels cement, order; 1,120 do., Gabriel & Schall. Steamer "*Slavonia*," 10 casks cement, James E. Ward & Co.; 560 do., E. Thiele. Steamer "*Dania*," 560 casks cement, E. Thiele; 1,560 barrels do., order. Steamer "*Johann Friedrich*," 1,159 barrels cement, 2,620 do. Portland cement, order.

From Hull.—Steamer "*Galileo*," 362 tons cliff stone, Sanderson & Son.

From Liverpool. — Steamer "*Nevada*," 218 casks bricks, Howard Fleming; 45 logs wood, order. Steamer "*Servia*," 195 casks bricks, Howard Fleming; 180 do., Meeker & Carter; 24 logs hardwood, order. Steamer "*Gallia*," 7 logs mahogany, C. A. Haynes & Co.; 6 logs wood, order. Steamer "*City of Berlin*," 500 boxes bath bricks, Robt. Crooks & Co.

From London. — Steamer "*Mississippi*," 500 casks cement, Hammill & Gillespie; 750 do., order. Steamer "*France*," 1,000 casks cement, C. J. Stevens; 1,000 do., Baring Bros. & Co.; 1,000 do., order. Steamer "*Buffalo*," 500 casks cement, E. Thiele; 650 do., Bank of British North America; 1,250 do. Portland cement, order.

From Minatitlan.—Schooner "*Fannie A. Gorham*," 705 logs mahogany and cedar, Seaboard Lumber Co.

From Rotterdam. — Steamer "*Rotterdam*," 500 casks cement, E. Thiele. Steamer "*Schiedam*," 2,000 casks cement, E. Thiele; 500 do., order.

From Stettin. — Steamer "*Polaria*," 2,000 barrels Portland cement, E. Thiele; 3,500 do., 1,000 casks do., order. Steamer "*Gothia*," 1,000 barrels Portland cement, E. Thiele; 2,000 do., Eagen Kauter; 4,000 do., order.

From Tecolutla. — Schooner "*Anna*," 561 logs mahogany, G. Amsinck & Co.

From Vera Cruz. — Steamer "*Yucatan*," 95 blocks marble, L. Zarang & Co.

From Wentworth, N. S. — Bark "*Avola*," 919 tons lump plaster, J. F. Whitney & Co. Schooner "*Gypsum Queen*," 245 tons lump plaster, J. F. Whitney & Co.

From Windsor, N. S.— Schooner "*Calabria*," 814 tons plaster, J. F. Whitney & Co.

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The publishers of the *American Architect* would like to purchase a few copies of

Nos. 801, 807 and 827

of the Regular edition, and of

Nos. 790, 794 and 795

of the Imperial edition. Double price will be paid for copies in good condition.

Full price will be paid for copies in good condition of the following numbers.

Imperial Edition 749, 782.

Regular Edition 696, 698, 700, 701, 703 712, 715, 717, 720, 723.

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See last or next issue for the following advertisements.

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Link-Belt Engineering Co.
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B. F. Sturtevant.
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Bureau Bros.
Dubois Mfg. Co.
Esterbrook Pen Co.
I. P. Frink.
H. M. Hansen.
J. H. Hiller.
Lane Bros.
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Philadelphia Blue Print Co.
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James H. Rush & Co.
Schwartz Mfg. Co.
J. B. Shannon & Sons.
E. Thiele.
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E. S. Wheeler & Co.

IMPORTS OF BUILDING MATERIALS, Etc.

From Stettin. — Steamer "*Polaria*," 2,000 barrels Portland cement, E. Thiele; 3,500 do., 1,000 casks do., order. Steamer "*Gothia*," 1,000 barrels Portland cement, E. Thiele; 2,000 do., Eagen Kauter; 4,000 do., order.

From Tecolutla. — Schooner "*Anna*," 561 logs mahogany, G. Amsinck & Co.

From Vera Cruz. — Steamer "*Yucatan*," 95 blocks marble, L. Zarang & Co.

From Wentworth, N. S. — Bark "*Avola*," 919 tons lump plaster, J. F. Whitney & Co. Schooner "*Gypsum Queen*," 245 tons lump plaster, J. F. Whitney & Co.

From Windsor, N. S.— Schooner "*Calabria*," 814 tons plaster, J. F. Whitney & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Brooklyn, N. Y.— *Belmont Ave.*, s e cor. Crystal St., two-st'y frame dwell., two-st'y frame extension, shingle roof, and internal alterations; cost,

(Continued on page xv.)

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DURABILITY.

One of the most important considerations in adopting a varnish for the interior wood-work of a building, is how long will it last?

Properly done natural-wood finishing is the most economical finish that can be adopted, by reason of its longevity, and the ease and cheapness with which it is kept in order, but unless a suitable finishing material is used natural-wood finishing is apt to prove a very expensive luxury.

Among the numerous articles offered for the purpose, there is but one that combines every essential feature for interior finishing purposes. We of course refer to Hard Oil Finish, one of the chief characteristics of which is its extreme durability, the finish produced by its use being with ordinary care practically indestructible.

The great importance of this feature of durability cannot be overrated, and it is this peculiarity of Hard Oil Finish that has been so largely instrumental in popularizing natural wood finishing by placing it within the reach of even builders of low and medium cost houses. Owing to the name Hard Oil Finish being so extensively counterfeited, it is necessary when writing it in the specifications to say "BERRY BROTHERS' HARD OIL FINISH."

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FIREPROOF — DURABLE — ECONOMICAL

Pays for itself in decreased cost of insurance—will not "sag" under the heavest coats of mortar—ensures a perfect ceiling, free from cracks. Its fire-resisting qualities have been demonstrated in three public tests—detailed accounts of which will be mailed to any address upon request.

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BUILDING INTELLIGENCE.

$3,600; owner, Peter Rapelye, on premises; architect, Charles Infanger, 126 Van Sielen Ave.

Fulton St., No. 250, six-st'y brick studio and factory building, slate and gravel roof, damage by fire to be repaired; cost, $5,000; owners, Ovington Bros., 38 Flatbush Ave.; architect, J. H. Merritt, 3 Monroe Place.

Bedford Ave., No. 898, two-st'y brick stable and carriage-house, tin roof, raised one story and internal and other alterations made; cost, $3,000; owner, Dr. H. D. Call, 896 Bedford Ave.; architects, J. Boekell & Son, 54 Bond St., New York City.

Remsen St., No. 94, two-and-one-half-st'y brick dwell., slate roof, raised to four stories, one-st'y brick extension, tin roof, added and other alterations made; cost, $10,000; owner, John E. Leach, 94 Remsen St.; architect, Wm. B. Tubby, 83 Fulton St., New York City.

Camden, N. J.—*North Sixth St., No.* 315, brick alteration; owner, Wm. Williams.

Clinton St., n w cor. Henry St., alteration; owner, Charles Elliott.

Ferry Ave., s w cor. Eighth St., one-st'y addition to church; owner, Charles Johnson.

Linden and Fifth Sts., alteration to dwell.; owner, P. T. Brown.

Birch and Seventh Sts., addition to dwell.; owner, P. Martin.

Chestnut Hill, Mass.—Alteration to dwell. and stable for John A. Andrew; contract to be let; architect, E. A. P. Newcomb, Boston.

Chicago, Ill.—Thomas Morehouse, two-st'y addition to stores, 250-254 Sixty-third St.; cost, $10,000.

B. B. Botsford, one-st'y addition, Lake and Dearborn Sts.; cost, $4,000.

Giles Bros. & Co., interior alterations, 221-223 State St.; cost, $20,000.

F. T. Haskel, one-st'y addition, 242-248 Adams St.; cost, $5,000.

Martin Loya, two-st'y addition, 569 Twenty-seventh St.; cost, $3,000.

Cincinnati, O.—Bellevue Brewing Co., brick and stone foundation, McMicken Ave.; cost, $3,200; architect, M. Fisher.

Duxbury, Mass.—Alterations to house and stable for George L. Winsor; architect, E. A. P. Newcomb, Boston.

Minneapolis, Minn.—H. G. Sidle, alterations in Sidle Block, 500 Nicollet Ave.; cost, $5,000.

Nantucket, Mass.—*Brant Point*, alterations to frame dwell.; owner, Thurlow Weed Barnes; builder, Eben R. Smith; architects, Longfellow, Alden & Harlow, Boston.

New York, N. Y.—*Rutger Place, No.* 25, four-st'y brick tenement, internal alterations; cost, $3,000; owner, Morris Goldstein, 220 Clinton Place; architect, Fred Ebeling, 3 First Ave.

East Seventy-fifth St., No. 330, four-st'y brick tenement, extension; cost, $3,000; owner, George F. Droste, 66 East Ninety-first St.; architect, J. Kastner, 744 Broadway.

Forsyth St., No. 14, five-st'y brick tenement, internal alterations; cost, $4,000; owner, Joseph Geller, 123 Broome St.; architects, Horenburger & Straub, 122 Bowery.

West Twentieth St., No. 26, five-st'y brick dwell., extension on rear enlarged and internal changes made; cost, $15,000; owner, Franklin Bartlett, 35 East Twenty-first St.; architects, Boring, Tilton & Mellen, 57 Broadway.

Sixth Ave., No. 620, four-st'y brick dwell., extension; cost, $7,000; owner, John H. Woods, 317 West Forty-sixth St.

Wooster St., No. 152-156, six-st'y brick factory, internal alterations; cost, $6,000; owner, J. B. Bloomingdale, 11 East Sixty-seventh St.; architects, Buchman & Deisler, 8 West Twenty-ninth St.

Broadway, No. 623, five-st'y brick store, internal alterations; cost, $5,000; owner, Estate of Thomas Lewis, 251 West Ninety-second St.; architect, J. H. Edelman, 8 York St.

Seventy-third St., n e cor. Amsterdam Ave., three-st'y brick stable, archways, etc., added; cost, $4,000; owner, Andrew Crawford, 252 West Seventy-third St.; architect, Edward H. Kendall, 150 Fifth Ave.

Forty-first St., s s, *Seventh Ave.*, e s, 98′ along Seventh Ave., four-st'y brick theatre and office building, internal changes; cost, $4,500; owners, Broadway Theatre Co., 212 Fifth Ave.; architect, Elliot Zborowski, 111 West Broadway.

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BUILDING INTELLIGENCE.

Thirty-second St., s s, 150′ w Ninth Ave., two-st'y brick church, altered and repaired where damaged by fire; cost, $170,000; owner, St. Michael's Roman Catholic Church, 383 Ninth Ave.; architect, L. J. O'Connor, 132 Nassau St.

Philadelphia, Pa.—*Lancaster Ave.*, n e cor. Thirty-third St., four-st'y brick addition; owners, Croft & Allen, Thirty-third St. and Lancaster Ave.

Howard St., e s, Girard Ave., one-st'y brick addition to school; builder, William Christy, 1606 Wharton St.

Orthodox and Leiper Sts., alterations to dwell. for G. M. Taylor; architects, Hazelhurst & Huckel, Drexel Building.

Columbia Ave., No. 1712, alterations and additions to business building; owner, Alonzo Heller; architect, Jno. F. Stuckert, 524 Walnut St.

Forty-first St. and Haverford Ave., alterations and additions to Traction Company's building; architect, W. Bleyden Powell, 423 Walnut St.

Greenway and Cemetery Aves., addition to schoolhouse; builder, Charles O'Neil, 1216 South Broad St.

Portsmouth, N. H.—Addition, 24′ x 48′, to frame dwell.; owner, A. A. Carey; builder, W. H. Hodgdon; architects, Longfellow, Alden & Harlow, Boston.

APARTMENT-HOUSES.

Boston, Mass.—*Wall St., No.* 20, three-st'y brick apartments, flat roof, 34′ x 42′; owner, Julia Howard; builder, W. H. Smith.

Chicago, Ill.—E. Williams, two-st'y flats, 834 Sixty-first St.; cost, $3,500.

Ellen Leadinth, two-st'y flats, 426 Indiana Ave.; cost, $5,000.

E. B. Smith, 2 four-st'y flats, 5622-5624 Lake Ave.; cost, $20,000.

William Barenz, two-st'y flats, 3010 La Salle St.; cost, $5,000.

William Feirstnaul, three-st'y flats, 292 Newberry Ave.; cost, $3,200.

Charles Slanee, three-st'y flats, 506 South Wood St.; cost, $4,000.

Martin Malican, 2 two-st'y flats, 60 Wendell St.; cost, $8,000.

Charles Hansen, two-st'y flats, 690 Sangamon St.; cost, $3,500.

H. B. Jackson, 2 four-st'y apartment-houses, 6443-6445 Grace Ave.; cost, $15,000.

M. Hanley, three-st'y flats; cost, $4,500.

Carlson & Weistein, two-st'y flats, 5940 Carpenter St.; cost, $3,500.

Pierson & Erickon, two-st'y flats, 5526 Carpenter St.; cost, $3,500.

Thomas E. Doyle, 2 four-st'y flats, 272-274 Superior St.; cost, $27,000.

Fred. Toppendorf, two flats, 60 Cypress St.; cost, $3,000.

D. B. Bernard, three-st'y flats, 4719 Champlain Ave.; cost, $6,000.

S. C. Hayes, two-st'y flats, 1405 Fulton St.; cost, $4,000.

Albert Renslore, two-st'y flats, 5510 Monroe Ave.; cost, $4,500.

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BUILDING INTELLIGENCE.

G. A. Hoak, four-st'y flats, 4200 Langley Ave.; cost, $10,000.

John Noyes, two-st'y flats, 4121 Wabash Ave.; cost, $3,500.

L. E. Steinfeld, 5 four-st'y flats, 462-470 Fifty-fifth St.; cost, $75,000.

Frank Foster, four-st'y flats, 329 Superior St.; cost, $40,000.

Charles Jahnke, three-st'y flats, 1097 North Ave.; cost, $8,000.

George M. Rundell, two-st'y flats, 847 Warren Ave.; cost, $6,000.

Stephen Raisek, three-st'y flats, 375 Washbourne Ave.; cost, $6,000.

E. A. Ford, 3 two-st'y flats, 839-847 North Leavitt St.; cost, $10,000.

T. B. Seidler, 2 two-st'y flats, 5522-5524 Morgan St.; cost, $3,000.

John Barney, 2 two-st'y flats, 717-719 West Ohio St.; cost, $8,000.

John Peterson, 2 two-st'y flats, 362-364 Fairview Ave.; cost, $3,600.

J. B. Benning, three-st'y flats, 1673 Barry Ave.; cost, $9,000.

John J. Sesch, two-st'y flats, Notre Dame and Exchange Aves.; cost, $5,000.

Ignace Lazaviski, two-st'y flats, 8527 Superior Ave.; cost, $4,000.

Peter Raymer, two-st'y flats, 267 Wallcott St.; cost, $3,000.

C. A. Deavitt, two-st'y flats, 4633 Emerald Ave.; cost, $5,000.

M. H. Gleason, three-st'y apartment building, 2339 Michigan Ave.; cost, $12,000.

E. J. Case, two-st'y flats, 1548 West Adams St.; cost, $5,300.

John Raha, four-st'y flats, 1315 West Sixteenth St.; cost, $5,100.

Christian Athelson, two-st'y flats, 700 Dania St.; cost, $3,000.

Henry Henrichs, three-st'y flats, 194 Twenty-fourth Pl.; cost, $5,000.

Cincinnati, O. — Thos. J. and J. J. Emery, four-st'y brick and stone flats, 291-295 Elm St.; cost, $16,000; architect, J. G. Steinkamp.

Minneapolis, Minn. — W. Hayward, five-st'y brick and stone apartment-house, 1225-1229 Hennipen Ave.; cost, $50,000.

New York, N. Y. — *Third Ave.*, e s, 50′ 4″ n One Hundred and Eleventh St., five-st'y brick flat, tin roof; cost, $22,000; owner, Henry Neus, 454 East One Hundred and Sixteenth St.

Seventh St., No. 62, five-st'y brick flat, tin roof; cost, $22,000; owner, George Hornberger, 101 St. Mark's Pl.; architects, Kurtzer & Rohl, cor. Seventh St. and Third Ave.

One Hundred and Fifty-ninth St., n s, 172′ w Courtlandt Ave., four-st'y brick flat, tin roof; cost, $15,000; owner, Charles D. Ogden, 731 Cauldweil Ave.; architect, M. J. Garvin, 8211 Third Ave.

Forty-sixth St., n s, 175′ w Ninth Ave., five-st'y brick flat, tin roof; cost, $20,000; owner, James Mulholland, 445 West Forty-eighth St.; architect, James W. Cole, 403 West Fifty-first St.

CHURCHES.

Baltimore, Md. — Stone and brick chapel for Lutheran Church of Reformation, n w cor. Caroline and Lanvale Sts.

Boston, Mass. — *Ashmont St.*, cor. Bushnell St., Ward 24, one-st'y brick church, pitch roof, 51′ x 134′, for parish of All Saints; builder, W. L. Rutan.

Bridgeport, Pa. — *Ford and Rainbow Sts.*, two-st'y brick and stone Roman Catholic church; owner, Church of St. Augustine; architect, E. F. Durang, s w cor. Twelfth and Chestnut Sts., Philadelphia.

El Paso, Texas. — The Catholics will build church, to cost $50,000.

Philadelphia, Pa. — *Kirkbride St.*, n e s, s Thompson St., brick church; builder, George F. Little, 4724 School St.

Red Oak, Texas. — The Baptists will build church, to cost about $12,000.

Suffolk, Va. — The Christian Church is building a church, to cost about $20,000.

Washington, D. C. — The Third Baptist congregation will build a church to cost abt. $20,000.

BUILDING INTELLIGENCE.

FACTORIES.

Camden, N. J. — *Broadway*, n e cor. Everett St., two-st'y brick factory; owner, Wm. Severn.

Chicago, Ill. — S. Franklin, two-st'y factory, 451 South Morgan St.; cost, $30,000.

D. H. Fritts, five-st'y factory, 68 Smart St.; cost, $30,000.

Cincinnati, O. — Huss Bros. & Co., four-st'y brick and stone factory, John St.; cost, $12,000; architect, J. Glick.

B. Hey, four-st'y brick and stone factory, 36-40 Broadway; cost, $3,700; architect, B. Casey.

Minneapolis, Minn. — Adamant Mfg. Co. of America, two-and-one-half-st'y frame factory, Bryant Ave., s, and Twenty-ninth St.; cost, $10,000.

New York, N. Y. — *Second Ave.*, w s, bet. Sixty-fifth and Sixty-sixth Sts., three-st'y brick factory, cement and gravel roof; cost, $650,000; owners, Third Ave. R. R. Co., 36 West Seventy-first St.; architect, Albert Wagner, 67 University Place.

Pike St., Nos. 49-51, seven-st'y brick factory, tin roof; cost, $35,000; owner, Morris Levy, 327 East Fifty-seventh St.; architect, Fred Waustelt, 44 Broadway.

Fifty-third St., s s, 281′ w Sixth Ave., one-st'y brick factory, gravel roof; cost, $35,000; owners, Edison Electric Illuminating Co., s e cor. Pearl and Elm Sts., architects, Buchman & Deisler, 8 West Twenty-ninth St.

Philadelphia, Pa. — *Frankford Ave.*, e s, s Style St., four-st'y brick factory; builder, Thos. Waters, cor. Frankford Ave. and Style St.

Frankford Road, e s, n Montgomery Ave., three-st'y brick factory; builder, George Mitchell, 1768 Frankford Ave.

Franklin St., n w cor. Vine St., five-st'y brick factory; builders, Wm. Stiele & Co., 506 Walnut St.

Cumberland St., n e cor. Thirteenth St., one-st'y glass factory; builders, Wright & Prentzel, 2506 Tyson St.

HOUSES.

Baltimore, Md. — Wm. Wetzel, three-st'y brick building, s w cor. Eastern Ave. and Luzerne St.

Bernhard Wich, 6 two-st'y brick buildings, n w cor. Cross and Parkin Sts.

Jno. L. Mueller, 12 two-st'y brick buildings, n s Aliceanna St., bet. Canton and Robinson Sts.

John Roth, 2 two-st'y brick buildings, 19-21 e s Collington Ave.

Boston, Mass. — *Harbor View St.*, nearly opp. Spring Garden St., Ward 24, three-st'y frame dwell., flat roof, 24′ x 50.6′; owner, Mrs. A. Fryer; builder, Frank Fryer.

Meridian St., No. 438, Ward 1, three-st'y frame dwell., flat roof, 24′ x 69′; owner, Thomas Crook; builder, Wilbur Goodwin.

Shirley St., near Norfolk Ave., Ward 20, three-st'y frame dwell., flat roof, 22.6′ x 32.6′; owner, Michael Connors; builder, L. S. Boulter.

Short St., near Coleridge St., Ward 1, frame dwell., 30′ x 30′; owner and builder, F. J. Nelson.

Condor St., No. 209, Ward 1, frame dwell., 21′ x 44.6′; owner and builder, W. H. Callbeck.

Lyndehurst St., near Allston St., Ward 24, frame dwell., 26.6′ x 49′; owner and builder, J. H. Beale.

Townsend St., near Humboldt Ave., Ward 21, two-st'y frame dwell., hip roof, 37.10′ x 39.8′; owner, Bennett Norwick; builder, E. R. Fernald.

Hemlock St., near Washington St., Ward 23, frame dwell., 22′ x 32′; owner and builder, S. H. Whittaker.

Robin Hood St., near Hartford St., Ward 20, frame dwell., 22′ x 47′; owner and builder, H. P. Clifford.

Stanton Ave., near Evans St., Ward 24, frame dwell., 26′ x 39′; owner, Amelia Robbins; builder, G. W. Oliver.

Ashland St., cor. Rowe St., Ward 23, frame dwell., 27′ x 27′; owner, T. H. Coulter; builder, W. Chapelle.

Savin Hill Ave., near Endleigh St., Ward 24, two frame dwells., 26′ x 43′; owner and builder, Isaac Schurman.

Pynchon St., near Heath St., Ward 21, three-st'y frame dwell. and store, flat roof, 26′ x 46′; owner, Mrs. L. M. Gordon; builder, J. H. Pinco.

BUILDING INTELLIGENCE.

Bay St., No. 5, Ward 24, three-st'y frame dwell., flat roof, 21′ x 48′; owner and builder, I. H. Dunn.

Spruce St., near Meyer St., Ward 23, frame dwell., 26′ x 49.6′; owner, Constantine Smith; builders, Sittig Bros.

Day St., cor. Hutchins Ave., Ward 22, three-st'y frame dwell., pitch roof, 26′ x 41′; owner, Mary A. Brandley; builder, W. A. Goodwin.

Rockland Ave., No. 17, Ward 21, three-st'y frame dwell., gambrel roof, 28′ x 50′; owner, C. G. Gibson; builder, B. L. Randall.

Arundel St., near Walter St., Ward 23, frame dwell., 24′ x 42′, owner, Miss Mary Douglass; builder, Roger Eccles.

Hastings St., near Carl St., Ward 23, frame dwell., 27.4′ x 36.8′; owner, C. W. Dennis; builder, W. S. Mitchell.

Newbury St., near Brandon St., Ward 23, frame dwell., 26′ x 34′; owner and builder, M. A. Blanchard.

Laurel St., near Centre St., Ward 23, frame dwell., 26′ x 34′; owner and builder, M. A. Blanchard.

Ruskin St., near Corey St., Ward 23, three-st'y frame dwell., hip roof, 33.6′ x 37′; owner, J. S. Bailey.

Cromwell St., Nos. 28-36, Ward 11, 5 three-st'y brick dwells., flat roofs, 20′ x 40′; owner and builder, Thomas R. White.

Unnamed Place, off Carolina Ave., Ward 23, three-st'y frame dwell., flat roof, 23′ x 45′; owner, Bridget Costlon; builder, Thomas J. Tobin.

Dakota St., near Iowa St., Ward 24, frame dwell., 25′ x 32′; owner, Frank Flusk; builder, J. L. Gillis.

Virginia St., No. 12, Ward 20, frame dwell., 26.6′ x 43.11′; owner, J. D. Baker; builder, A. D. Gould.

Boston St., near Bellflower St., Ward 15, three-st'y frame dwell., flat roof, 23′ x 43′; owner, Ellen Lennon; builders, Howard Bros.

Patterson St., cor. Codman St., Ward 24, two frame dwells., 22′ x 34′; owner and builder, Isaac Schurman.

Tremont St., rear, near Washington St., Ward 25, frame dwell., 26′ x 37′; owner, James Condon; builder, Thomas W. Brennan.

Washington St., near Dunbar St., Ward 25, frame dwell., 32′ x 37′; owner, Mrs. M. E. Hatch; builder, H. M. Beal.

Dacia St., near Dewey St., Ward 20, 2 three-st'y frame dwells., flat roofs, 23′ x 40′; owner and builder, W. W. Dromey.

Rill St., No. 18, Ward 24, frame dwell., gambrel

roof, 26′ x 38′; owner, W. A. Spooner; builder, W. J. Jobling.

Elmont St., near Waterlow St., Ward 24, frame dwell., 23′ x 38′; owner, A. C. McKay; builders, McKay Bros.

Mountain St., near Norfolk St., Ward 24, frame dwell., 34.4′ x 35′; owner, M. W. Hall; builders, The Coöperative Building Plan Association.

Sydney Place, near Waterlow St., Ward 24, frame dwell., 24′ x 40′; owner and builder, F. Cummings.

Bradlee St., near Washington St., Ward 24, frame dwell., hip roof, 32.4′ x 43′; owner and builder, Granville D. Hill.

Paris St., No. 319, Ward 1, three-st'y frame dwell., flat roof, 21′ x 40′; owner, Timothy Moriarty; builder, James McInness.

Stratford Ave., near Clement Ave., Ward 23, frame dwell., 45′ x 47′; owner, W. B. Blakemore.

Leyden St., near Breed St., Ward 1, four frame dwells., 20′ x 36′; owner and builder, John Booth.

Byron St., near junc. Saratoga St., Ward 1, frame dwell., 20′ x 30′; owner, Thomas Metcalf; builder, E. J. Turner.

Dunboy St., near Bigelow St., Ward 23, two-st'y frame dwell., hip roof, 32.4′ x 39.10′; owner, G. T. Elliott; builder, W. H. Morrison.

Centre St., near Myrtle St., Ward 23, frame dwell., 34′ x 44′; owner, Jamaica Plain Baptist Church Society; builder, H. R. Douglass.

Beach St., near Freeport St., Ward 23, frame dwell., 25′ x 40′; owner, Jessie Moulton; builder, W. H. Jackson.

Wordsworth St., junc. Saratoga St., Ward 1, two-st'y frame dwell., flat roof, 22′ x 50′; owner, Martin McMahon; builder, T. H. Newby.

Dacia St., near Dewey St., Ward 20, three-st'y frame dwell., flat roof, 23′ x 54′; owner, John Kiley; builders, McKay Bros.

Leeds St., near Dorchester Ave., Ward 24, 2 three-st'y frame dwells., flat roofs, 23′ x 35′; owner, Patrick Tiernan; builder, Michel Ryan.

Clayton St., near Clayton St. Pl., Ward 24, frame dwell., 24′ x 30′; owner, J. H. Peirce; builder, W. J. Jobling.

Fenton St., near Clayton St., Ward 24, frame dwell., 24′ x 30′; owner, J. H. Peirce; builder, W. J. Jobling.

Unnamed Ct., off Stoughton St., e Summer St., Ward 24, frame dwell., 24′ x 30′; owner, B. T. McKechnie; builder, W. J. Jobling.

Lanark Road, near Beacon St., Ward 25, frame dwell., 46′ x 53′; owner and builder, E. L. Rogers.

Norfolk St., cor. Chipman St., Ward 24, three-st'y frame dwell., flat roof, 24′ x 49′; owner, Catherine Stanton; builder, H. J. Rice.

Harvard Ave., near Harvard St., Ward 24, frame dwell., 24′ x 30′; owner and builder, G. W. Pope.

Sheldon St., cor. Prospect Ave., Ward 23, frame dwell., 22.6′ x 33′; owner, G. E. Lewis; builders, Brown Bros.

Edson St., No. 74, Ward 24, frame dwell., 21.6′ x 34′; owner, Thomas Tobin.

West Eagle St., No. 52, Ward 1, frame dwell., 23.6′ x 61′; owner, Annie B. Fish; builder, D. D. Fish.

Byron St., near Bennington St., Ward 1, frame dwell., 20.6′ x 32′; owner, G. W. Ray; builder, T. H. Newby.

Algonquin St., near Harvard St., lots 18, 19 and 20, Ward 24, three frame dwells., 24.10′ x 33.10′, 24′ x 37′, gambrel roof, 30′ x 31.6′; owner, J. P. B. Carleton; builder, D. G. Squires.

Putnam St., cor. Bremen St., Ward 1, two-st'y frame dwell., flat roof, 22′ x 40′; owner and builder, R. Costello.

Temple St., near Keith Ave., Ward 23, frame dwell., 24′ x 42′; owner, Catherine Cusack; builder, J. A. Rooney.

Hartford Place, near Washington St., Ward 24, 2 three-st'y frame dwells., flat roofs, 22′ x 48′; owner and builder, H. I. Lynn.

Rexham St., near Belgrade Ave., Ward 23, frame dwell., 26′ x 27′; owner and builder, T. E. Havey.

Germania Ave., near Brookside Ave., Ward 23, three-st'y frame dwell., hip roof, 26′ x 46.6′; owner and builder, J. F. Sullivan.

Brookford St., near Howard Ave., Ward 20, three-st'y frame dwell., flat roof, 25′ x 42′; owner, Timothy Haggerty; builder, M. J. O'Brien.

Lawn St., near Fisher Ave., Ward 22, three-st'y frame dwell., flat roof, 25′ x 45′; owner, John Riley; builder, M. McLaughlin.

Poplar St., No. 108, Ward 8, four-st'y brick dwell., flat roof, 21′ x 50′; owner, Mrs. E. Leborvic; builder, H. I. Slatkins.

Poplar St., No. 110, cor. Porcelain Place, Ward 8, four-st'y brick dwell., flat roof, 21′ x 50′; owner, Mrs. E. Leborvic; builder, H. I. Slatkins.

Lincoln St., No. 1, Ward 24, three-st'y frame dwell., flat roof, 26′ x 38′; owner, John Glynn; builder, W. Landells.

Falcon St., near Brooks St., Ward 1, frame dwell., 22′ x 55′; owner, W. Thompson; builder, C. H. Bates.

Sigourney St., nearly opp. Robeson St., Ward 23, three-st'y frame dwell., pitch roof, 23.6′ x 49.4′; owner, J. F. F. Brewster; builder, J. S. Lee.

Adams St., near Gibson St., Ward 24, four frame dwells., hip roofs, 19′ x 48′ and 17′ x 48′; owner, J. J. Merrill; builders, Merrill Bros.

Brooklyn, N. Y. — *Ralph St.*, s s, 200′ w Central Ave., 4 three-st'y frame dwells, tin roofs; cost, $4,700 each; owner, George Gutting, 160 Putnam Ave.; architect, F. J. Lessing, 91 Ralph Ave.

Barbey St., w s, 125′ s Diamond Ave., two-st'y frame dwell., tin roof; cost, $3,000; owner, R. Max, Barbey St.

Fifth St., s s, 97′ 10½″ w Ninth Ave., 12 three-st'y brick dwells., tin roofs; cost, $12,000 each; owner, John A. Bliss, 875 St. Mark's Ave.; architect, M. Dahlander, 1082 Bedford Ave.

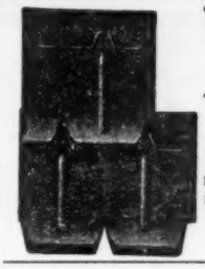
Pilling St., n s, 90′ e Bushwick Ave., 5 two-st'y frame dwells., tin roofs; cost, $3,000 each; owners, architects and builders, Francisco Bros., 236 Woodbine St.

Marion St., n s, 275′ e Ave., 3 four-st'y brick dwells., tin roofs; cost, $10,000 each; owner, architect and builder, N. H. Raymond, 164 Ralph Ave.

Fountain St., e s, 83′ 4″ s Eastern Parkway, *Eastern Parkway*, s s, 25′ e Fountain St., *Belmont Ave.*, n s, 25′ e Fountain St., *and Chrystal St.*, w s, 33′ s Eastern Parkway, 34 two-st'y frame dwells., gravel roofs; cost, $2,000 each; owner, M. Gibler, 1694 Dean St.

Knickerbocker Ave., w s, 75′ s Starr St., three-st'y frame dwell., tin roof; cost, $6,000; owner, Julius Dewald, 114 Central Ave.; architect, Frank Holmberg, 1169 Broadway.

Indies St., n s, 434′ 6″ w Franklin St., four-st'y frame dwell., pitch and gravel roof; cost, $4,500; owner and architect, Thomas Harlan, 220 Monitor St.



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Ralph St., s s, 200′ w Knickerbocker Ave., 5 three-st'y frame dwells., gravel roofs; cost, $3,500 each; owner, Salvator McCue, 1825 Broadway; architect, George Olson.

Stanhope St., s s, 300′ w Central Ave., three-st'y frame dwell., tin roof; cost, $4,500; owner, Louis Fuchs, Marcy Ave.; architect, Walter B. Wills, 371 Fulton St.

Kent Ave., e s, 124′ 8″ e Willoughby Ave., four-st'y brick dwell., tin roof; cost, $8,000; owner, Wm. Rolff, 172 Bridge St.; architect, H. Vollweiler, 483 Hart St.

Miller Ave., w s, 25′ s Eastern Parkway, 15 three-st'y brick dwells., tin roofs; cost, $6,000 each; owner, David Davis, 124 Van Siclen Ave.; architect, Alex. Fowler, 592 East One Hundred and Thirty-seventh St., New York City.

New Lots Ave., n w cor. Berriman St., two-st'y frame dwell., shingle roof; cost, $4,000; owner, F. W. Coddington; architect, Chas. N. Leach, 321 Lewis Ave.

Harrison Pl., n s, 80′ 10″ e Knickerbocker Ave., 4 three st'y frame dwells., tin roofs; cost, $4,000 each; owner, M. Herte, 1031 Flushing Ave.

Prospect Pl., s s, 30′ w Rochester Ave., 3 one-st'y frame dwells., tin roofs; cost, $1,800 each; owner, Fred Plunder, Prospect Pl. and Rochester Ave.; architect and builder, Wm. Bryan, 1433 Prospect Pl.

McDonough St., s s, 170′ w Howard Ave., 5 two-st'y brick dwells., tin roofs; cost, $5,300 each; owners, H. B. Hill & Co., 243 Reid Ave.; architect, Henry B. Hill, 243 Reid Ave.

Degraw St., n s, 290′ w Fifth Ave., 4 three-st'y brick dwells., tin roofs; cost, $5,000 each; owner, Peter Kelly, 357 First St.

Decatur St., s s, 350′ w Lewis Ave., 2 three-st'y brick dwells., gravel roofs; cost, $12,000; builder and architect, C. F. Hunt, 480 Putnam Ave.

Decatur St., s s, 175′ w Ralph Ave, 5 two-and-one-half-st'y brick dwells., tin roofs; cost, $5,000 each; owner, architect and builder, Wm. O. Forrester, 1000 Herkimer St.

Bedford Ave., e s, 112′ s Prospect Pl., four-st'y brick dwell., tin roof; cost, $9,000; owner, Wm. Burrows, 50 Herkimer St.; architect, John T. Wachter, 141 Lefferts Pl.

Eighteenth St., s s, 260′ 4″ w Tenth Ave., three-st'y frame dwell., tin roof; cost, $3,660; owner, Mary A. Lorenzen, 539 Nineteenth St.; architect, W. H. Wirth, 358 Seventeenth St.

Junius St., w s, 90′ s Dumont Ave., 2 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner and builder, John Power, Sutter Ave. and Osborne St.; architect, Wm. Danmar, Atlantic and Van Siclen Aves.

Harrison Place, s s, 100′ w Knickerbocker Ave., 2 three-st'y frame dwells., tin roofs; cost, $3,800 each; owner, Jacob Mathias, 143 Moore St.

Buffalo, N. Y. — *Pennsylvania Ave. and the circle*, large dwell., 60′ x 79′, with L, 29′ x 48.6′; to be built of Indiana limestone; Italian Renaissance style, with passenger elevator, etc.; owner, Mrs. Delia S. Avery; builders, Collingwood & Donaldson, masons; Wm. Schumacher, brick mason; Heinrich & Son, carpenters; architect, E. A. P. Newcomb, Boston.

Cambridge, Mass. — *Hubbard Park*, two frame dwells., 38′ x 50′ and 34.6′ x 48.6′; owner, G. G. Hubbard; builder, D. W. Power; architects, Longfellow, Alden & Harlow, Boston.

Camden, N. J. — *Ferry Ave.*, s s, below Fillmore St., two-st'y brick dwell.; owner, Gifford Stiles.

Liberty St., No. 286, two-st'y brick dwell.; owner, Jno. F. Betz.

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Sixth St., above Ferry Ave., w s, two-st'y brick dwell.; owner, Jno. Matthew.

Bulson St., bet. Ninth and Tenth Sts., two-st'y brick dwell.; owner, Charles Smith.

Birch St., w Tenth St., 4 two-st'y brick dwells.; owners, Moore Bros.

Liberty Park, brick dwell.; owners, Moore Bros.

Chestnut St., w Lewis St., 3 two-st'y brick dwells.; owner, Wm. Rose.

Benson and Sixth Sts., 2 three-st'y brick dwells.; owner, George Holl.

Cooper St., s e cor. Ninth St., 4 three-st'y stone dwells.; owner, C. W. Cox.

South Sixth St., No. 449, two-st'y brick dwell.; owner, Harry Foulker.

Chicago, Ill. — Emma Portman, two-st'y dwell., 378 Kenmore St.; cost, $3,800.

Potter Palmer, 5 four-st'y dwells., 414-422 Huron St.; cost, $30,000.

Wisdom Bros, two-st'y dwell., Dickey and Seventy-seventh Sts.; cost, $8,400.

Frank J. Bennett, two-st'y dwell., 7712 Ellington Ave.; cost, $4,000.

Frank J. Bennett, two-st'y dwell., 422 Kenwood Ave.; cost, $4,000.

Frank J. Bennett, two-st'y dwell., 7216 Jeffery Ave.; cost, $4,000.

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See our Advertisement, page iii.

BUILDING INTELLIGENCE.

George Carr, three-st'y dwell., 3901 Lake Ave.; cost, $10,000.

E. M. Baldwin, 6 two-st'y dwells., 83-93 Winecouna Ave.; cost, $24,000.

L. E. Mackey, 4 two-st'y dwells., 7824 Stewart Ave.; cost, $22,000.

Matthews Reynolds, three-st'y dwell., 3626-3628 Calumet Ave.; cost, $5,000.

Charles A. Petrie, two-st'y dwell., 17 Ewing Pl.; cost, $4,000.

C. A. Blanchard, 4 two-st'y dwells., Michigan Ave. and One Hundred and Twentieth St.; cost, $6,000.

Charles J. Wendroth, three-st'y dwell., 554 Dearborn Ave.; cost, $9,000.

A. H. Hill, two-st'y dwell., Park Ave. and Centre St.; cost, $5,000.

J. McIntosh, 4 two-st'y dwells., 1912-1918 Paulina St.; cost, $4,000.

William Fleming, three-st'y dwell., 4735 Drexel Boulevard; cost, $30,000.

A. B. Crossman, two-st'y dwell., 464 Normal Parkway; cost, $6,000.

Sam Brown, Jr., 2 two-st'y dwells., 250-254 Pensacola St.; cost, $3,000.

Cincinnati, O. — Michael Settlemeyer, two-and-one-half-st'y brick and stone dwell., Sydney Ave.; cost, $4,400; architect, P. Pfeiffer.

Charles Kruse, two-and-one-half-st'y brick and stone dwell., Madisonville Pike; cost, $12,000; architects, Rapp & Aiken.

Mrs. Mary Kruger, brick and stone dwell , Dudley St.; cost, $3,500; architect, P. Pfeiffer.

J. R. Woodlief, three-and-one-half-st'y brick and stone dwell., Central Ave.; cost, $5,000; architect, A. Bast.

Mrs. Wm. Bodeman, four-and-one-half-st'y brick and stone dwell., Bremen St.; cost, $5,500; architect, J. Ruckert.

C. Kampfmuller, two-and-one-half-st'y brick and stone dwell., Chase St.; cost, $9,000; architect, G. W. Payne.

H. Kohns, two-and-one-half-st'y brick and stone dwell., Woodburn Ave.; cost, $6,300; architects, G. & A. Brink.

Jos. Fisher, two-and-one-half-st'y brick and stone dwell., Neave and Michaels St.; cost, $2,600; architects, G. & A. Brink.

C. Kellar, owner and architect, one-and-one-half-st'y brick and stone dwell., Westfork and Hayes Sts.; cost, $2,600.

John Mohr, brick and stone dwell., Clifton Ave.; cost, $2,300; architect, P. Pfeiffer.

John M. Scudder, two-and-one-half-st'y frame dwell., Fredonia Ave.; cost, $4,000; architect, Harry Burbank.

A. Hummler, two-and-one-half-st'y brick and stone dwell., St. Clair St.; cost, $3,500; architects, Rieg & Marty.

Mrs. C. L. Anderson, two-and-one-half-st'y brick and stone dwell., Vine St.; cost, $3,500; architect, George Vogal.

A. F. Newbaur, two-and-one-half-st'y brick and stone dwell., Glendora Ave. and Marion St.; cost, $4,500; architects, Rieg & Marty.

Mrs. R. Koch, two-and-one-half-st'y brick and stone dwell., Brookside Ave.; cost, $2,500; architect, J. N. Stephenson.

B. H. Brunswick, two-and-one-half-st'y brick and stone dwell., Park Ave.; cost, $10,000; architects, Des Jardens & Hayward.

C. E. Iliff, double two-and-one-half-st'y brick and stone dwell., Court St.; cost, $4,000; architect, J. H. Boll.

Susan Gibbs, two-and-one-half-st'y frame dwell., Hewitt Ave.; cost, $3,200; architect, G. W. Pain.

Julius Dexter, row of dwells., Court St.; cost, $6,000; architect, C. H. Ashear.

L. W. Waldron, two-st'y frame dwell., Huron Ave.; cost, $2,500; architect, W. C. Lawrence.

Detroit, Mich. — T. M. Cattel, two frame dwells., 445-449 Putnam Ave.; cost, $5,500.

Sherman & Harns, frame dwell., 974 Trumbull Ave.; cost, $4,000.

D. W. Wies, three brick dwells., 29, 31 and 46 Woodward Ave. Terrace; cost, $26,000.

John Scott & Co., brick dwell., 1079 Fort St., West; cost, $62,000.

R. E. Raseman, two-st'y frame dwell., 383 Field Ave.; cost, $3,000.

C. H. Colwell, five frame dwells., 1139, etc., Concord Ave.; cost, $6,000.

J. T. Patton, brick dwell., 32 Palmer Ave.; cost, $9,000.

Germantown, Pa. — Several three-st'y stone and press-brick dwells.; owner, Mr. Louge; architect, J. Elvin Jackson, 804 Walnut St.

Hartford, Conn. — Frame dwell., 31′ x 44′; colonial style; cost, $7,500; owner, Agnes R. Burton; builder, Mr. Philbrick; architect, E. A. P. Newcomb, Boston.

Highland Station, Mass.—*Centre St.*, frame dwell., 80′ x 45′; owner, W. B. Blakemore; builder, W. B. Rolfe; architects, Longfellow, Alden & Harlow, Boston.

Lansdowne Park, Pa. — Brick and frame dwell.; colonial style; owner, Mrs. W. H. Free; architect, William H. Free, 27 North Juniper St., Philadelphia.

Three-st'y brick, stone and frame dwell., slate roof; owner, J. Frank English; architect, William H. Free, 27 North Juniper St., Philadelphia.

Minneapolis, Minn. — T. P. Henley, two frame dwells., 3332 and 3336 Second Ave., s; cost, $5,000 each.

H. B. Frey, two-st'y stone veneer dwell., 1206 Fifth St., s e; cost, $22,000.

Mt. Airy, Pa. — *Shedwick St.*, 2 three-st'y brick and stone dwells.; owner, Miss Alice Lovett; architect, J. C. Worthington, 1305 Arch St.

New York, N. Y. — *One Hundred and Thirty-fourth St.*, n s, 100′ w St. Anns Ave., 6 two-st'y brick dwells., tin roofs; cost, $42,000; owner, James Morrow, 881 East One Hundred and Thirty-fourth St.; architects, Cleverdon & Putzell, 13 Astor Pl.

East Seventy-first St., No. 11, four-st'y brick dwell., tin roof; cost, $60,000; owner, Annie L. Hoe, 8 East Seventieth St.; architects, Carrère & Hastings, 44 and 46 Broadway.

Eagle Ave., e s, 337′ n Westchester Ave., 3 three-st'y brick and frame dwells., tin roofs; cost, $13,500; owner, Henry Burge, 1070 Prospect Ave.; architect, Wm. Stauffer, 637 East One Hundred and Forty-fifth St.

Grand Boulevard, s e cor. One Hundred and Forty-second St., 17 three-st'y brick dwells., tin roofs; cost, $274,982; owner, Andrew T. Judge, 164 St. Nicholas Ave.; architect, John C. Burne, 101 West Forty-second St.

Ninety-fifth St., s s, 299′ w Eighth Ave., 4 three-st'y brick dwells., tin roofs; cost, $56,000; owner, Mattie A. Cockburn, 208 West One Hundred and Twenty-third St.; architects, Neville & Bagge, 250 West One Hundred and Twenty-fifth St.

East Sixty-fourth St., No. 303, three-st'y brick dwell., tin roof; cost, $3,000; owner, John Gitz, 303 East Sixty-fourth St.; architects, Graul & Frohme, 215 Bowery.

Eighty-eighth St., s s, 325′ w West End Ave., 3 three and four-st'y brick dwells., peak, mansard, tin, terra-cotta and tile roofs; cost, $36,000; owners, Wilcox & Ames, 122 West Seventy-sixth St. and 324 West Eighty-eighth St.; architect, Ralph S. Townsend, 1300 Broadway.

Morris Ave., e s, 57′ n One Hundred and Forty-fourth St., 2 three-st'y brick dwells., tin roofs; cost, $8,000; owner, M. J. Butler, 503 East One Hundred and Forty-fourth St.; architect, Gustav Schwarz, 578 East One Hundred and Fifty-second St.

Ninety-fourth St., n s, 152′ 2½″ e Fifth Ave., 5 four-st'y brick dwells., tin roofs; cost, $100,000; owner, James Carlen, 17 West One Hundred and Twenty-second St.; architects, Cleverdon & Putzell, 13 Astor Pl.

One Hundred and Forty-second St., s s, 275′ e Grand Boulevard, 6 four-st'y brick dwells., tin roofs; cost, $80,000; owners, Carse & Mohr, 26 Bowery; architect, John A. Hamilton, 39 Bowery.

Madison Ave., Nos. 817 and 819, four-st'y brick dwell., tin roof; cost, $65,000; owner, C. A. Herter, 829 Madison Ave.; architects, Carrère & Hastings, 44 and 46 Broadway.

Philadelphia, Pa.—*Fiftieth St.*, s w s, bet. Adelaide St. and Kingsessing Ave., 16 two-st'y brick dwells.; owner, W. S. P. Sheilds, 735 Walnut St.

Frankford Ave., No. 4435, two-st'y brick dwell.; builder, Frank G. English, 1628 North Seventh St.

Seventy-second St., s s, w Hooper St., two-st'y brick dwell.; builder, Geo. Kyle, Seventy-fifth St. and Avenue F.

Tulip St., n w s, n e Unruh St., 2 two-st'y brick dwells.; builder, Thomas Brush, 4938 Mulberry St.

Fifth St., w s, s Clearfield St., 4 two-st'y brick dwells.; owner, Geo. Mander, Oak Lane Station.

William St., s e cor. Almond St., two-st'y brick dwell.; owner, Patrick O'Connor, 2612 William St.

Twenty-ninth St., e s, n Stiles St., 2 two-st'y brick dwells.; owner, W. T. B. Roberts, n w cor. Twentieth and Dauphin Sts.

Wyalusing Ave., w s, w Thirty-ninth St., 40 two-st'y brick dwells.; owner, Jno. H. Hudson, 1424 Columbia Ave.

Penn St., w s, n Orthodox St., three-st'y brick dwell.; builder, Benj. Taylor, 4520 Paul St.

Seventh St., e s, n Somerset St., 17 two-st'y brick dwells.; owner, E. Stewart Sons, s e cor. American and Diamond Sts.

Vienna St., s w s, bet. Moyer St. and Girard Ave., 4 two-st'y brick dwells.; builders, James McCauley & Sons, 1328 East Montgomery Ave.

Oakford St., s s, e Twenty-seventh St., nine brick dwells.; owner, Alfred G. Clay, 522 Walnut St.

Rittenhouse St, n e cor. Twenty-first St., three-st'y brick dwells.; builder, Porter Thompson, 2037 Filbert St.

Franklin St., w s, n Susquehanna Ave., 14 three-st'y brick dwells.; builders, Doyle & Doak, 1511-1513 Morvian St.

Franklin St., e s, n Berks St., three-st'y brick dwell.; builder, David C. Schulers, 2327 North Sixth St.

Passayunk Ave., n e s, e Sixteenth St., 3 three-st'y brick dwells.; owner, Matthew Riley, 1932 South Sixteenth St.

Sixteenth St., e s, n Passayunk Ave., five brick dwells.; owner, Matthew Riley, 1932 South Sixteenth St.

Scott St., n s, e Tenth St., 6 two-st'y brick dwells.; builder, George C. Deitrich, 2003 Berks St.

Reed St., s s, e Tenth St., two-st'y brick dwell.; builder, George C. Dietrich, 2003 Berks St.

Clinton St., w s, n Tabor St., two-st'y brick dwell.; builder, L. Altemus, Olney.

Fifteenth St., e s, s Venango St., two-st'y brick dwell.; owner, Daniel MacNeil, 1511 Tioga St.

Indiana St., s s, w from Eighth St., 16 two-st'y brick dwells.; owners, Woelfel & Schmunk, 614 Cambria St.

Somerville, Mass. — *Robinson St.*, two frame dwells.; owners and builders, S. & C. H. Williams.

Boston St., block of dwells.; owner, L. J. Niles; builder, T. B. Blaikie.

Joseph St., two frame dwells.; owner and builder, J. W. Connor.

Broadway, frame dwell.; owner and builder, M. McLean.

Avon St., frame dwell., 24′ x 38′; owner and builder, J. E. Wisdom.

Hanson St., near Washington St., frame dwell., 25′ x 34′; owner and builder, I. P. Rice.

Washington St., cor. Bowdoin St., two frame dwells., 28′ x 36′; owner and builder, I. P. Rice.

Oxford St., near Central St., frame dwell., 23′ x 33′; owner, Charles H. Simonds; builder, Geo. E. Ricker.

Lea St., near Medford St., frame dwell., 25.6′ x 52′; owner, Hattie Abell; builder, Geo. E. Ricker.

Hudson St., frame dwell., 24′ x 31′; owner, E. N. Everett; builder, George Hutchinson.

Wyatt St., frame dwell., 24′ x 26′; owner, W. P. Rice; builder, T. Viddili.

Stone Harbor, N. J. — Two two-and-one-half-sty frame cottages; architect, Samuel Milligan, 708 Chestnut St.

Winchester, Mass. — Frame dwell., 38.6′ x 39′; colonial style; cost, about $6,500; owner, George B. Davis; builders, Crockwell Bros.; architect, E. A. P. Newcomb, Boston.

Worcester, Mass. — *Greenwood St.*, two-and-one-half-st'y frame dwell.; owner, A. Yonson; contractors, Nilson & Silven.

Whipple St., one-and-one-half-st'y frame dwell.; owner, John Sagerland; contractors, Nilson & Silven.

Granite St., three-st'y frame dwell.; owner, Yon A. Anderson; contractors, Nilson & Silven.

Eastern Ave., three-st'y frame dwell.; owner, J. A. Oberg; contractors, Nilson & Silven.

Whipple St., one-st'y frame dwell.; owner, Joseph H. Perry; contractor, Wm. O. Burns.

Shattuck St., one-st'y frame dwell.; owner, Thos. Walters, Jr.; contractor, W. E. Putnam; architect, W. H. Harvey.

Slyvan St., two-st'y frame dwell.; owner, J. E. Girouard; contractor, H. L. Putnam.

Washington St., one-and-one-half-st'y frame dwell.; owner, W. H. Sawyer; contractor, O. M. Ball.

Glenwood St., one-and-one-half-st'y frame dwell.; owner and contractor, C. E. Chamberlain.

Whipple St., one-and-one-half-st'y frame dwell.; owner, Peter Steel; contractor, L. M. Petterson.

Saymore St., three-st'y frame dwell.; owner, B Claney; contractor, J. A. McDermott.

Park Ave., two-st'y frame dwell.; owner, F. Dugette; day work.

Tirrell St., two-st'y frame dwell.; owner, C. A. Moon; contractor, W. E. Putnam.

OFFICE-BUILDINGS.

Philadelphia, Pa. — *Uber St.*, w s, s Ontario St., one-st'y office and green house; builder, Benj. Walker, 2953 Germantown Ave.

Market St., n s, e Seventeenth St., five-st'y brick office-building; builder, Jacob R. Garber, 52 North Thirteenth St.

SCHOOL-HOUSES.

Columbus, Ga. — Plans are being prepared by C. W. Smith, of Atlanta, for a brick and stone school-building, to cost about $25,000.

Philadelphia, Pa. — *Somerton St.*, two-st'y brick school-house; builder, Louis Deitrich, Chestnut Hill.

Sherman, Texas. — Two-st'y brick, granite and marble school-building, to cost about $25,000, is contemplated.

STABLES.

Philadelphia, Pa. — *Twenty-first St.*, e s, s Jefferson St., two-st'y brick stable; builder, W. G. Smith, 1400 North Twenty-first St.

Germantown Ave., No. 2813, two-st'y brick stable; owner, Jacob Marsch, 339 East Indiana St.

Foulkrod St., e s, n Penn St., two-st'y brick stable; builder, G. W. Peirson, Leiper and Foulkrod Sts.

STORES.

Baltimore, Md. — Chris. Grisel will build three-st'y brick store and dwell., 951 North Gay St.

Camden, N. J. — *Broadway*, n e cor. Walnut St., three-st'y brick store; owner, A. E. Street.

Cincinnati, O. — Four-and-one-half-st'y brick and stone stores and apartments, McMillan St.; cost, $20,000; owner, George Stribley; architects, Des Jardens & Hayward.

C. Petri, five-st'y brick and stone store and flats, Quebec and Westward Aves.; cost, $9,000; architect, E. G. Rueckert.

H. A. Stoffregen, three-st'y brick and stone store and dwell., Hamilton Pike; cost, $3,000; architects, G. & A. Brink.

C. Sneider, two-and-one-half-st'y brick and stone store and dwell., Kirby Road; cost, $2,500; architect, P. Pfeiffer.

W. W. Smith, three-st'y brick and stone store and flats, Copeland and McMillan Sts.; cost, $25,000; architects, Crapsey & Brown.

J. J. Justis, brick and stone store and offices, Fifth and Plum Sts.; cost, $15,000; architect, G. W. Drach.

Caroline L. Blymyer, six-st'y brick and stone store and warehouse, Main St.; cost, $6,000; architects, Des Jardens & Hayward.

Detroit, Mich. — C. Hamel, 3 two-st'y brick stores, 909-913 Dix Ave.; cost, $7,000.

Minneapolis, Minn. — T. J. Cole, three-st'y brick and stone stores and flats, 2022-2024 Washington Ave.; cost, $10,000.

Philadelphia, Pa. — *Mt. Airy St.*, w s, n Miller St., one-st'y brick store; owner, Benj. Gorgas, Mt. Airy.

TENEMENT-HOUSES.

Cincinnati, O. — Louis Massman, three-st'y brick and stone tenement-house, Pendleton St.; cost, $4,000; architect, J. G. Steinkamp.

WAREHOUSES.

Baltimore, Md. — Armour & Co., of Chicago, will build five-st'y brick warehouse, s e cor. Pratt and Eutaw Sts., to cost $50,000.

Philadelphia, Pa. — *Westmoreland St.*, n s, bet. Thirty-fourth and Thirty-fifth Sts., three-st'y brick warehouse; owners, J. & J. Dobson, Falls of Schuylkill.

Westmoreland St., s s, e Amherst St., two-st'y brick warehouse; owner, C. H. Masland, 2027 East Allegheny Ave.

Oxford St., n s, w Worth St., three-st'y brick warehouse; builder, R. C. Winnals, 1628 Margaretta St.

MISCELLANEOUS.

Atlanta, Ga. — The Southern Bell Telephone Co. will build a four-st'y brick and stone building, to cost about $30,000.

Baltimore, Md. — Trustees Johns Hopkins University will build five-st'y brick building, s s Monument St., e Eutaw St.

The Catholic Club will build four-st'y brick building, e s Charles St., n Mulberry St.

Otto Schaub, three-st'y brick building, n w cor. Baltimore and High Sts.

Charles Wilms, three st'y brick building, w s Eutaw St., bet. Saratoga and Mulberry Sts.

Bristol, Tenn. — The Bristol Title, Bank and Trust Co., building, to cost about $20,000.

Camden, N. J. — *Fifth St.*, w s, above Arch St., two-st'y patrol-house; owner, Charles Johnson.

Chicago, Ill. — Philip Spies, two-st'y shop, 87-89 Van Buren St.; cost, $5,000.

Cincinnati, O. — H. & S. Pogue, six-st'y brick and stone building, Fourth St.; cost, $38,000; architects, S. Hannaford & Sons.

New York, N. Y. — *Monroe St., No.* 94, six-st'y brick workshop, tin roof; cost, $5,000; owners, Aaron & Mitz, 24 Second Ave. and 314 Delancy St.; architects, Wornburger & Straub, 122 Bowery.

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Notice. Treasury Department, Office Supervising Architect, Washington, D. C., September 27, 1892. The time for opening proposals for the erection and completion (except plumbing and heating apparatus) of the extension to the United States Court-house, Post-office, etc., building at Dallas, Texas, is hereby extended to 2 o'clock P. M., October 11, 1892. W. J. EDBROOKE, Supervising Architect. 876

Treasury Department, Office Supervising Architect, Washington, D. C., September 30, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 25th day of October, 1892, and opened immediately thereafter, for all the labor and material required for the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Court-house, Post-office, etc., building at Birmingham, Ala., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Birmingham, Ala. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus for the United States Court-house, Post-office, etc., building at Birmingham, Ala.," and addressed to W. J. EDBROOKE, Supervising Architect. 877

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., September 26, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 14th day of October, 1892, and opened immediately thereafter, for all the labor and materials required for the erection and completion of the United States Naval Observatory, Army Hospital and Weather Bureau Buildings at the World's Columbian Exposition, Chicago, Ill., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Chicago, Ill. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Erection and Completion of the United States Naval Observatory, Army Hospital and Weather Bureau Buildings at the World's Columbian Exposition, Chicago, Ill.," and addressed to W. J. EDBROOKE, Supervising Architect. 876

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The author recently made a journey to Sicily and during his stay there devoted his time to the study of the Norman monuments. This work therefore represents a study by a practical architect and the text simply attempts to familiarize the reader with the circumstances under which these wonderful monuments were created, and with some of the peculiar technical processes employed in their construction and decoration.

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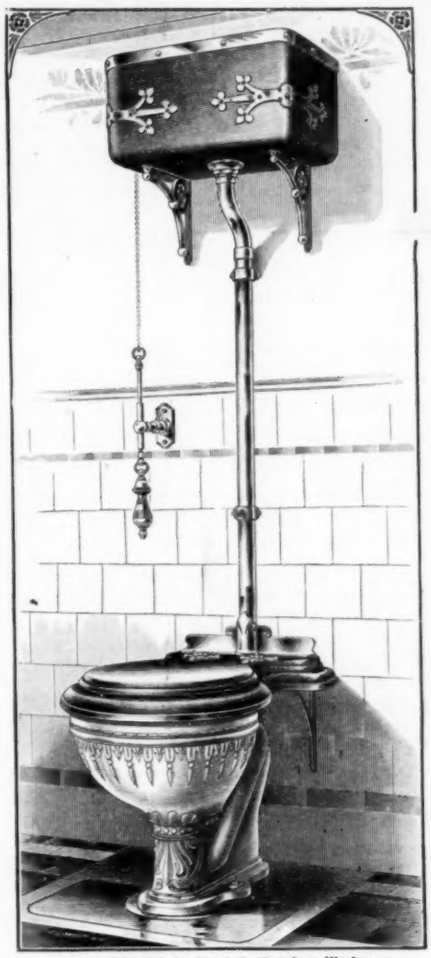

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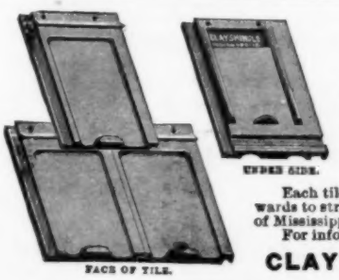

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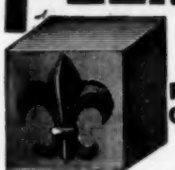
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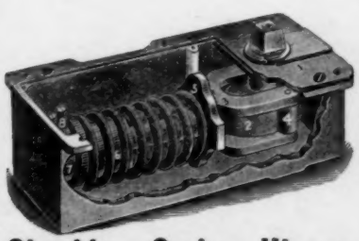

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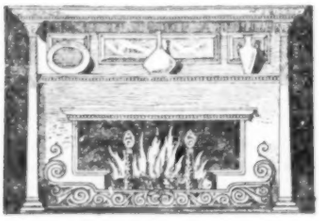

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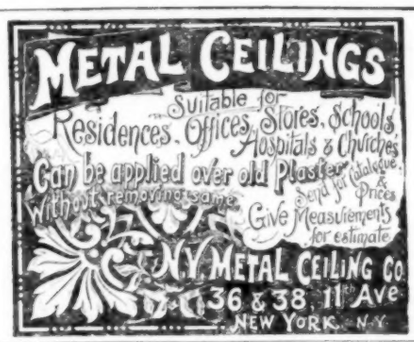

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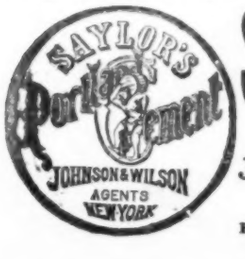

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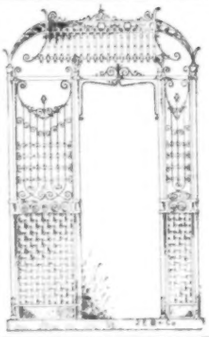

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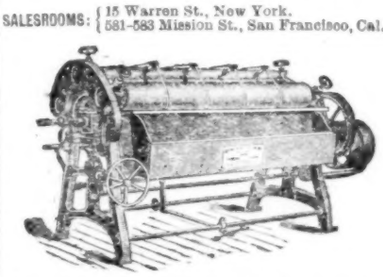

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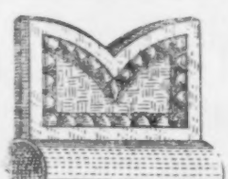

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Boards: (*Ordinary dimensions.*)				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	30 00 @ 47 00	48 00 @ 55 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce	@ 25 00	13 50 @ 25 00	*Not sold.*	16 00 @ 20 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
Yellow pine	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress	@	31 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine	@	38 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce	@	23 00 @ 35 00	*Not sold.*	*Not sold.*
Framing Timber:				
Pine			12 00 @ 15 00	25 00 @ 37 30
Spruce	14 00 @ 18 00	15 00 @ 18 00	*Not sold.*	16 00 @ 18 00
Hemlock	12 00 @ 16 00	13 00 @ 15 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine	18 00 @ 21 00	24 00 @ 35 00		22 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 35	2 10 @ 2 25	2 75 @ 3 00
Spruce	2 85 @ 3 00	2 35 @ 2 50	*Not sold.*	2 30 @ 3 00
Shingles:				
Pine, shaved ₱ M.	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	
Cedar split ₱ M.	@	@	*Not sold.*	30″ $35 @ 40 / 24″ 8 @ 21
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	30″ 35 @ 14
Cypress. Split, 7 x 24, "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P.10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (*First Qual.* [*Kiln-dried.*])				
Ash	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	90 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ₱ M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	@ 45 00

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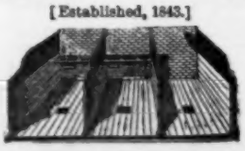
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Jersey	4 00 @ 4 75	9 00 @ 10 00	@ 6 50	" @ 7 00
Long Island	@	Bay State Hard		Salmon @ 5 00
Up River	4 00 @ 4 75	7 00 @ 8 00		Sq. " @ 9 00
Haverstraw Bay 2d	4 75 @ 5 00	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 00 @ 5 25	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia		Red "
" dark	@ 14 00	40 00 @ 45 00		@ 13 00
" red	@ 14 00	Phila. mould		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00	15 00 @ 27 00	@ 13 00
" Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @100 00		@ 100 00	Dom. @ 65
Enamelled (edge and end)	90 00 @115 00		@ 120 00	@ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	85 @ 95	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 50 @ 2 80	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 65 @ 3 00	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	3 60 @ 3 75	@ 5 00	3 00 @ 3 25	
" French (Lafarge)	2 90 @ 3 25	3 00 @ 3 50	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 25 @ 2 40	3 15 @ 3 35	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 50 @ 2 90	Cleopatra	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	@	2 55 @ 3 00	@	
" " (Lagerdofer)	2 90 @ 3 25	3 00 @ 3 50	2 75 @ 3 00	Josson
" " (Dyckerhoff)	2 50 @ 3 00		3 25 @ 3 50	2 60 @ 2 75
" " (Hanover)	2 35 @ 2 85		*Not sold.*	3 00 @ 3 25
" " Stettin, (Anchor)	1 75 @ 2 00	2 15 @ 2 50	*Not sold.*	2 75 @ 2 85
" American (Saylor's)	2 75 @ 3 00	@ 3 00	2 75 @ 3 00	
Roman	5 75 @ 6 50	@ 6 00	2 75 @ 3 25	2 70 @ 3 00
Keene's coarse	9 25 @ 10 25	@ 11 50	6 00 @ 7 00	3 00 @ 3 50
" superfine			9 00 @ 10 50	6 50 @ 7 00
Lime:				8 00 @ 9 00
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 60	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 85	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 95	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 82	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	21 @ 25	@ 20	30 @ 35	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 00		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine	@	10 50 per ton	@ 1 00	₱ Perch @ 4 50

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Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Flagstone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th. 10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	95 @ 1 1
Kibbe	@ 90	90 @ 1 10	@	1 05 @ 1 35
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	55 @ 1 00
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	25 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	00 @ 4 65
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ...℔ M	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7 @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	70 @ 5 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	55 @ 62	44 @ 45	57 @ 60	@ 60
" " boiled. (℔ gal.)	58 @ 65	47 @ 48	60 @ 63	@ 63
Turpentine. (℔ gal.)	36 @ 37	@ 35	51 @ 51	@ 44
Varnish, coach. (℔ gal.)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac. (℔ gal.)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	1 @ 1
Paris white, (Eng.) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am } dry	5½ @ 6	7 @ 7½	6½ @ 7	@ 7½
Sienna (burnt) } dry	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber " } dry	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 10	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 40	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask
Butts: 4″ x 4″ (℔ doz. pairs.)	@ 1 00	@ 1 20	@ 90	2 90 (all kinds.)
Plain	@ 1 50	@ 1 75	*Not Sold.*	@ 90
Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 00
Acorn, Japanned	@ 65	@ 50	*Not Sold.*	1 35 @ 2 75
Ball Tip, Boston Finish (℔ pair.)	@ 1 90	plain 1 65	2 00 @ 3 25	45 @ 50
Bronze metal	@ 10	@ 10	@ 12	@ 1 25
Brass (for cupboards.)	@	@	@	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 06
Lava	@ 50	@ 75	65 @ 80	*Not Sold.*
Hemacite	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, silvered	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:	@	@	13 @ 16	12½ @ 16
Sheet Lead	@	@ 7½	@ 7	@ 6½
Lead Pipe	@	@ 6½	@ 6½	6 @ 6
Iron:				
I-Beams, up to and including 36 ft	3 3-10 @ 3½	@ 3 4-10	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel Beams	3 3-10 @ 3½	@ 4-10	3 20 @ 3 70	@ 2 8-10

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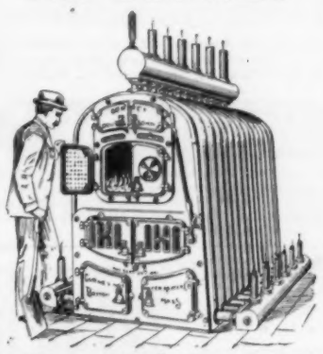

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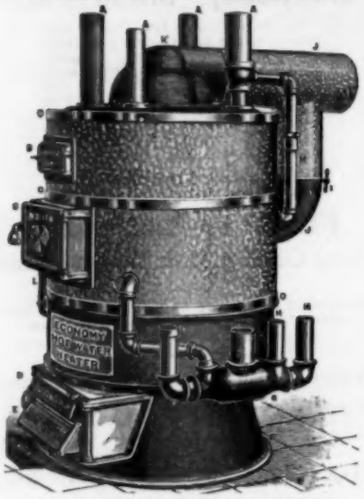

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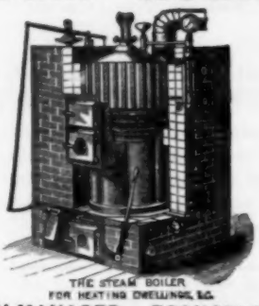

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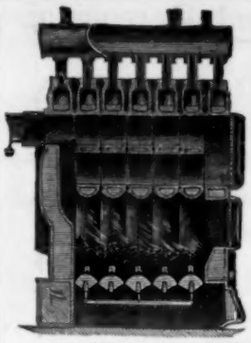

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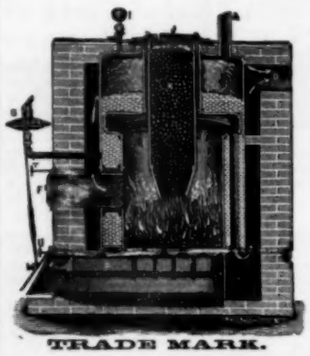

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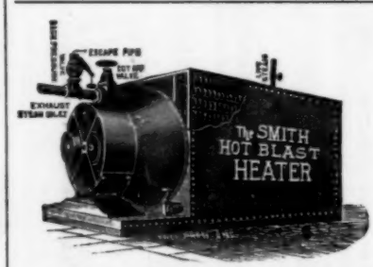

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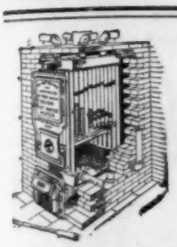

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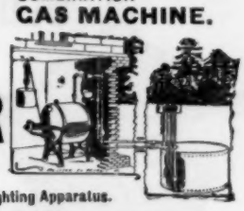

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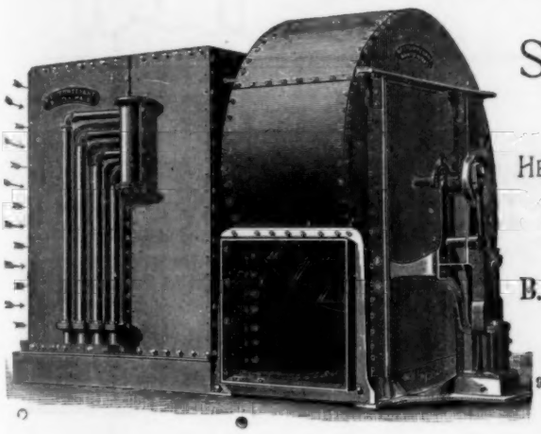

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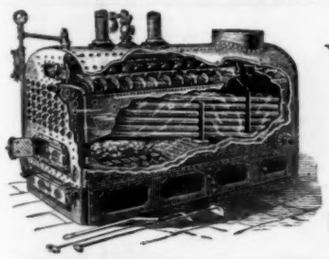

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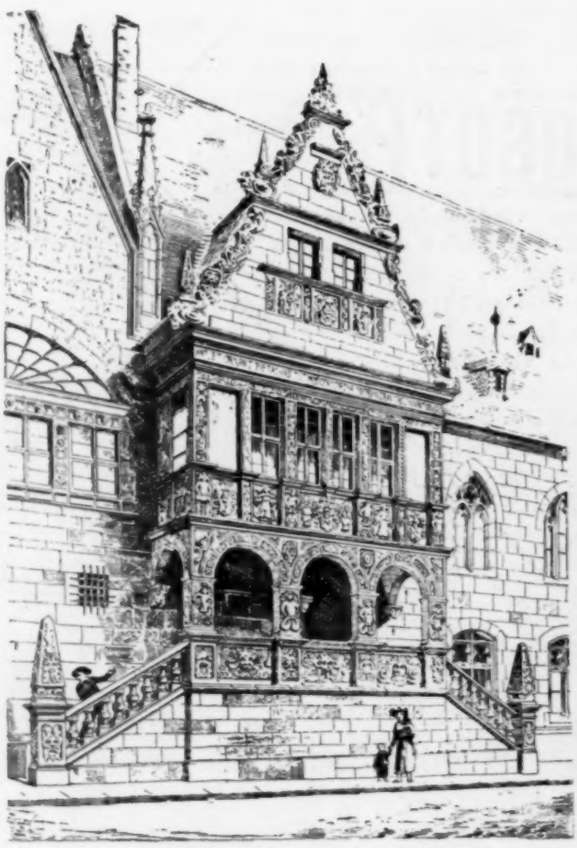

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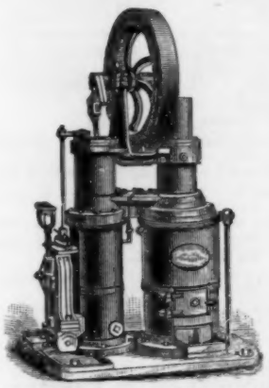

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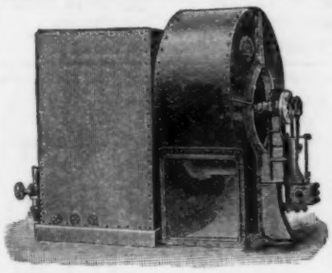

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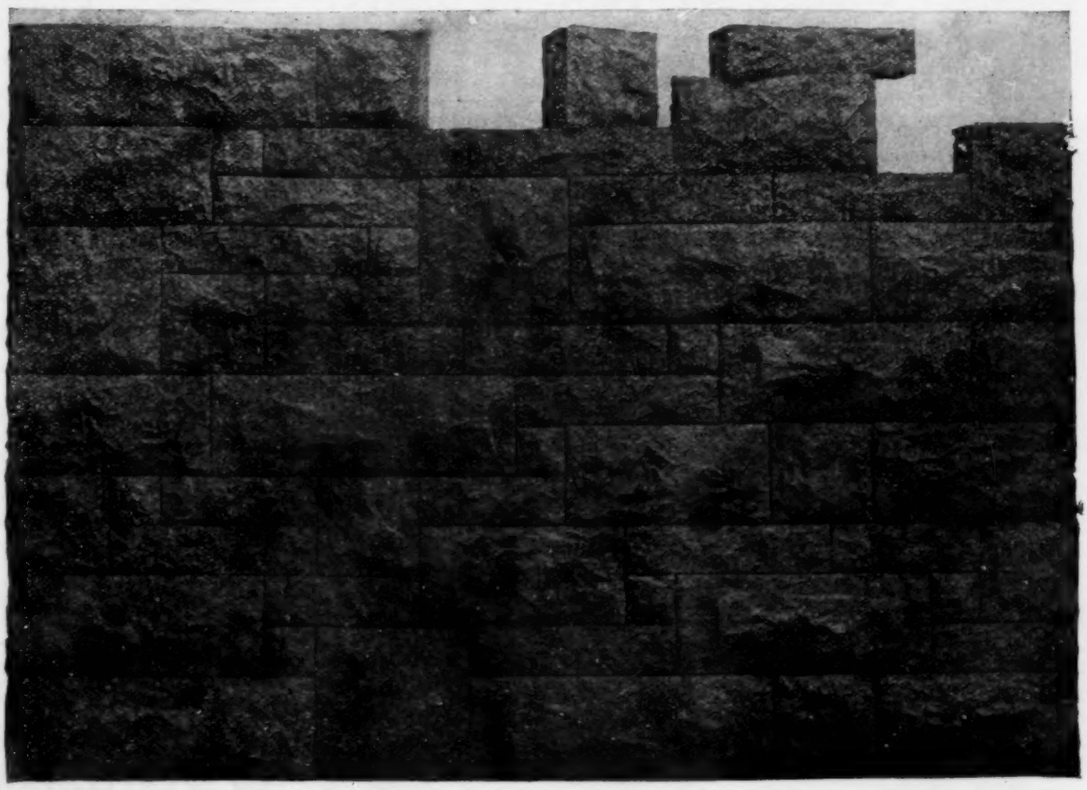

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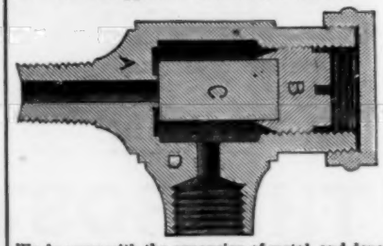

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BUILDING PATENTS.

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483,132. Mason's Hawk.—Charles W. Blay, Janesville, Wis.

483,140. Door-Closer. — Ethan W. Daily, Kansas City, Kans.

483,145. Elevator.—Frederick Giles, South Yarra, near Melbourne, Victoria.

483,163. Sheet-Metal Building-Front.— Clarence D. Pruden, St. Paul, Minn.

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483,169. Gravitating Door-Closer. — Hugo Schneewind, Crefeld, Ger.

483,178. Mechanism for Operating and Locking Jail Doors.—Charles H. Sparks, St. Louis, Mo.

483,180. Tile.—Henri Sturm, Paris, France.

483,187. Stove or Warm-Air Furnace. — William H. Turner, Indianapolis, Ind.

483,203. Gearing for Elevators. — Norman C. Bassett, Lynn, Mass.

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483,296. Tank-Valve. — Cornelius Birkery, Hartford, Conn.

483,298. Lock.—Hinrich Bruns, Bremerhaven, Ger.

483,307. Fireproof Paint. — Rufus W. Lamprey, Manchester, N. H.

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483,392. Fitting or Connection for Supply-Pipes and Branch Pipes of Radiators.—Justin E. Russell, Chicago, Ill.

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AT THE PORT OF NEW YORK FOR THE WEEK ENDING OCTOBER 7, 1892.

From Antwerp. — Steamer "*Friesland*," 700 barrels cement, E. Thiele; 100 do., A. G. Duysters; 4,000 do., order.

From Bremen. — Ship "*Fidelio*," 4,002 casks asphaltum, C. W. Saacke; 840 barrels cement, order.

From Bristol. — Steamer "*Exeter City*," 10 casks fire-cement, W. Slack & Son.

From Glasgow. — Steamer "*Siberian*," 157 cases granite, Austin, Baldwin & Co.; 105 do., Austin, Baldwin & Co.; 28 blocks building stone, 31 cases granite, order.

From Hamburg. — Bark "*Vesta*," 2,200 barrels cement, order.

From Hull.—Steamer "*Egyptian Monarch*," 1,000 casks cement, 1,000 barrels do., E. Thiele.

From Leghorn. — Steamer "*Black Prince*," 16 blocks marble, C. Schneider; 17 do., Wilkening & Co.; 41 do., order.

From Liverpool. — Steamer "*Naronic*," 282 casks bricks, Howard Fleming.

From London. — Ship "*Brunhilda*," 3,000 casks cement, C. J. Stevens; 2,000 do., E. Thiele; 1,000 do., Ladenburg, Thalmann & Co.; 1,000 do., Bank of British North America. Steamer "*Greece*," 1,000 casks cement, Baring Bros. & Co.; 650 do., Bank of British North America; 40 logs wood, 32 do., order. Steamer "*Manitoba*," 500 casks cement, Hammill & Gillespie; 1,500 do., order.

From Mabou, C. B. — Schooner "*Nellie Parker*," 350 tons rock plaster, C. W. Bertaux & Co.

From Marseilles. — Steamer "*Massillia*," 12 barrels cement, L. Blanc; 10 blocks marble, Davison & Sons' Marble Co.; 200 casks cement, James E. Ward & Co.; 5 blocks marble, order.

From Rotterdam. — Steamer "*Amsterdam*," 1,000 casks cement, 1,100 do., E. Thiele. Steamer "*Briscoe*," 1,000 barrels cement, 432 casks do., E. Thiele; 1,500 barrels cement, 723 casks do., order. Steamer "*Werkendam*," 500 casks cement, W. H. Van den Boorm; 500 do., E. Thiele; 500 do., order.

From Stettin. — Ship "*Baltimore*," 2,820 casks cement, Emil Kauter; 567 do., order.

From St. Jago. — Steamer "*Santiago*," 19 logs mahogany, J. D. Williams & Sons; 106 do., Willard Hawes & Co.; 42 do. cedar, Jacob Henkell & Co.

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From Vera Cruz. — Steamer "*Orizaba*," 215 blocks marble, E. Zarang & Co.; 4 logs wood, Abram S. Smith & Co.

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From Windsor, N. S. — Schooner "*Clifton*," 901 tons plaster, J. F. Whitney & Co. Schooner "*Newburgh*," 1,000 tons plaster, J. F. Whitney & Co. Schooner "*Wentworth*," 585 tons plaster, J. F. Whitney & Co. Bark "*George Davis*," 1,020 tons rock plaster, J. F. Whitney & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Camden, N. J. — *Linden St., No. 707*, one-st'y brick addition; owner, P. W. Hirst.

Vine St., Nos. 523-531, five brick additions; owner, Wm. Severn.

Broadway, No. 1728, alteration and addition; owner, B. Hamden.

Cincinnati, O. — Board of Education, two-st'y addition to school, Windsor and Gilbert Aves.; cost, $2,000; architect, H. E. Siter.

St. Louis, Mo. — Changing roof of refectory; cost, $3,500; owner, St. Louis University; contractors, Weber & Son.

Addition to brick factory; cost, $4,000; owners and contractors, Evans & Howard.

(Continued on page xv.)

FACTS ABOUT

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A. P. Shogan, two-st'y flats, 3174 Dover St.; cost, $5,000.

C. Gilman, two-st'y flats, 501 Melrose St.; cost, $3,000.

Michael Kelly, two-st'y flats, 3758 Wallace St.; cost, $3,000.

Theo. Koch, 2 six-st'y apartment-houses, 290-292 La Salle Ave.; cost, $80,000.

Albert Victra, two-st'y flats, 27 Almond St.; cost, $3,000.

Ann Kelly, three-st'y flats, 672 West Fourteenth St.; cost, $5,000.

E. W. Hendricks, two-st'y flats, 72 Werder St.; cost, $4,000.

B. Gallivan, three-st'y flats, 528 West Fourteenth St.; cost, $5,000.

Carl Meirke, two-st'y flats, 823 Dudley St.; cost, $3,500.

W. H. Land, two-st'y flats, 1098 Greenhaw St.; cost, $4,500.

John J. Bonn, 2 two-st'y flats, 7144-7146 Wright St.; cost, $12,000.

O. C. Wolcott, 2 five-st'y flats, 578-580 Fiftieth St.; cost, $25,000.

CHURCHES.

St. Louis, Mo. — One-st'y brick church; cost, $10,000; owner, M. E. Church; contractor, R. H. Newberry.

One-st'y brick church; cost, $3,000; owner, Trustees of Fourth Baptist Church; contract not let.

Waycross, Ga. — The Methodists will build a church, to cost about $15,000.

FACTORIES.

Chicago, Ill. — Wertz & Thiels, three-st'y wagon-factory, 571-573 South Ashland Ave.; cost, $7,000.

Philadelphia, Pa. — *Sixth St.*, e s, n Lehigh Ave., three-st'y brick factory; builder, F. B. Franks, 2215 Emerald St.

St. Louis, Mo. — Two-st'y brick factory; cost, $10,000; owner, Koken Borber Supply Co.; contractor, D. Sutherland.

One-st'y brick factory; cost, $2,500; owner and contractor, G. V. Brecht R. S. Co.

Winston, N. C. — Cicero Tise contemplates a six-st'y factory building.

HOTELS.

Boston, Mass. — *Mason St., Nos.* 54-80, Ward 10, six-st'y brick hotel, flat roof, 106′ x 106′; owners, Messrs. Fales, Hall, Foster and Federhen; builder, A. Lothrop.

Chicago, Ill. — Frank Rowe, four-st'y hotel, Sixty-seventh and Hope Sts.; cost, $25,000.

Columbian Endeavor Association, four-st'y hotel and chapel, 7501-7541 Bond Ave. and 7500-7538 Lake Ave.; cost, $55,000.

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HOUSES.

Baltimore, Md. — Jos. C. Dowling, 8 two-st'y brick buildings, e s Cross St., w Paca St.; and 26 two-st'y brick buildings, e s Scott St., s Cross St.

P. D. Della, 10 two-st'y brick buildings, s s Fort Ave., e Covington St.

S. D. Hutt, 10 two-st'y brick buildings, n s Grover Place, e Bethel St.; and 8 two-st'y brick buildings, s s Lanvale St., w Broadway.

May E. Hopkins, three-st'y brick building, e s Forrest St., bet. Orleans and Lexington Sts.

Jas. F. Morgan, 4 two-st'y brick buildings, s s West St., w Sharp St.; 5 two-st'y brick buildings, w s Charles St.; and 4 two-st'y brick buildings, s s Ostend St., beg. s w cor. Charles and Ostend Sts.

Boston, Mass. — *Parker St., rear No.* 653, Ward 22, three-st'y frame dwell., flat roof, 23.10′ x 35.4′; owner, Abraham Rogers; builder, M. J. Curley.

Bowdoin St., near Bullard St., Ward 24, frame dwell., 24′ x 52′; owner and builder, R. H. Arnold.

Bertram St., near Neponset Ave., Ward 24, frame dwell., 26′ x 28′; owner, M. Dyer, Jr.; builder, J. H. Allen.

Ashford St., near Pratt St., Ward 25, frame dwell., 26′ x 32′; owner, G. W. Brown; builder, C. R. Mackay.

Whitford St., near Kittredge St., Ward 23, frame dwell., 26′ x 29′; owner, Charles Hersee; builders, Hersee Bros.

Englewood Ave., cor. Argyle Road, Ward 25, two-st'y brick dwell., pitch roof, 44.6′ x 49.4′; owner, Mrs. B. Shaw; builders, Whidden & Co.

Leroy St., near Geneva Ave., Ward 24, frame dwell., 24′ x 42′; owner and builder, H. J. McNabb.

Josephine St., near Ditson St., Ward 24, frame dwell., 23′ x 42.6′; owner, W. L. Libby; builder, L. J. Gillis.

Norfolk Ave., No. 126, cor. Magazine St., Ward 20, three-st'y frame dwell. and store, flat roof, 24′ x 48′; owner, T. H. Lynch; builder, G. A. Cahill.

Norfolk Ave., Nos. 130-132, Ward 20, 2 three-st'y frame dwells., flat roofs, 22′ x 44′ and 22′ x 40′; owner, T. H. Lynch; builder, G. A. Cahill.

Commonwealth Ave., No. 477, five-st'y brick and stone dwell., flat roof, 21′ x 71′, with copper bays; owner, Willis Boyd Allen; builders, Connery & Wentworth; architects, H. M. Stephenson and G. A. Ballantine.

Washington St., rear No. 2826, Ward 21, three-st'y frame dwell., flat roof, 13′ x 25′; owner, W. H. Partridge; builder, F. H. Randlett.

Washington St., near School St., Ward 23, three-st'y frame dwell., flat roof, 26.4′ x 59.2′; owner, John Curran; builders, Howard Bros.

Brandon St., near Dudley Ave., Ward 23, frame dwell., 25′ x 34′; owner, A. E. Hentz; builder, M. A. Blanchard.

Falcon St., cor. Brooks St., Ward 1, three-st'y frame dwell. and store, flat roof, 23′ x 84′; owners, Urban Associates.

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Greene Ave., s s, 105′ w Evergreen Ave., three st'y frame dwell., tin roof; cost, $4,000; owner, M. Kilgus, 1126 Greene Ave.; architect, Th. Engelhardt, 905 Broadway.

Cornelia St., n s, 100′ e Broadway, 3 three-st'y frame dwells., tin roofs; cost, $4,000 each; owner and builder, E. E. Kelly, 713 Gates Ave.; architect, Henry Vollweiler, 483 Hart St.

Schenck Ave., e s, 100′ s Jamaica Ave., 4 two-st'y frame dwells., tin roofs; cost, $12,000; owner, architect and builder, S. T. Hollister, 25 Schenck Ave.

Junius St., w s, 140′ 8″ s Dumont Ave., 5 two-st'y frame dwells., tin roofs; cost, $2,000 each; owners, M. Smith & Son, Sutter and Williams Aves.; architect, Thomas Faya, Woodhaven, L. I.

Fifty-third St., s s, 120′ w Fifth Ave., 2 three-st'y frame dwells., tin roofs; cost, $4,000 each; owner, Alex. Waldron, Forty-eighth St.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Thirteenth St., n s, 70′ w Third Ave., 2 two-st'y brick dwells., tin roofs; cost, $2,000 each; owner, M. A. McCormick, 138A Sixteenth St.; architect, J. S. McCormick, 138A Sixteenth St.

Bradford St., e s, 300′ n Fulton St., two-st'y frame dwell., tin roof; cost, $3,000; owner, Susie De Shay, 257 Schermerhorn St.; architect, John De Shay, 257 Schermerhorn St.

Lafayette Ave., s e cor. Classon Ave., 10 three-st'y brick dwells., tin roofs; cost, $4,500 each; owner, Morris Building Co., 26 Broadway, New York City; architect, Wm. B. Tubby, 81 Fulton St., New York City.

Camden, N. J.—*Atlantic St.*, w s, w Nineteenth St., 2 two-st'y brick dwells.; owners, Home Building Co.

Howell St., w s, w Tenth St., two brick dwells.; owners, Home Building Co.

Kossuth St., No. 1836, two-st'y frame dwell.; owner, Charles Smith.

Chestnut St., s s, e Eighth St., two-and-one-half-st'y brick dwell. and bakery; owner, D. L. Moore & Co.

Mt. Ephraim and Liberty St., 3 two-st'y frame dwells. and stores; owner, John F. Betts.

Jamaica Plain, Mass.—*Green St.*, double frame dwell., 38′ x 50′; owner, Mrs. P. R. Sturtevant; builder, J. P. Shaw; architects, H. M. Stephenson and G. A. Ballantine, Boston.

Newton, Mass.—*Hunnewell Ave.*, frame dwell., 27′ x 40′; owner, Sydney R. Smith; builder, John Sherman; architects, H. M. Stephenson and G. A. Ballantine, Boston.

New York, N. Y.—*West One Hundred and Thirty-fifth St., No.* 184, four-st'y brick dwell., tin roof; cost, $15,000; owner, William Whitehead, 2307 Seventh Ave.; architects, Berg & Clerk, 10 West Twenty-third St.

Philadelphia, Pa.—*Seventh St.*, s e cor. Indiana Ave., two-st'y brick dwell.; owner, E. F. Mann, 3017 Fairhill St.

Front St., w s, s Cambria St., 2 two-st'y brick dwells.; owner, E. Miller, 2220 Gordon St.

Crooked Pl., n s, e New Market St., 2 three-st'y brick dwells.; owner, S. H. Condertman, 232 North Nineteenth St.

Noble St., s s, three-st'y brick dwell.; owner, S. H. Condertman, 232 North Nineteenth St.

Mill St., e s, n Cresson St., 2 two-st'y brick dwells.; builder, Wm. Loughran, 3631 Fiske St.

Chew St., w s, s Woodbine St., two-st'y brick dwell.; builders, O'Brien Bros., Chew and Woodbine Sts.

Hartwell St., s s, w Germantown Ave., two-st'y brick dwell.; builder, John Owens, 73 Sharpnack St.

Kaios St., n s, w Righter St., 4 two-st'y brick dwells.; builders, Duncan & Shaw, 201 Green Lane.

Venango St., s s, e Fifteenth St., 8 three-st'y brick dwells.; owner, H. H. Downsborough, 2709 Fairhill St.

Oxford St., s s, w Fifty-fifth-and-one-half St., 11 two-st'y brick dwells.; owner, Geo. W. Sherman, 3050 Clifford St.

Franklin St., n s, w Germantown Ave., 2 three-st'y brick dwells.; builder, W. J. Gruhler, 46 Herman St.

Spencer St., n s, w Thirty-sixth St., two-st'y brick dwell.; builder, C. C. Linahan, 215 Spencer St.

Third St., w s, n Bristol St., two-st'y brick dwell.; owner, W. H. Schmidt, 1921 Mutter St.

Ruth St., e s, n Cambria St., 2 two-st'y brick dwells.; builder, H. J. Fuhrer, 4319 Pennsgrove St.

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Broad St., w s, s Dauphin St., 2 three-st'y brick dwells.; builder, J. M. Zane, 2116 Virginia St.

Brown St., n s, w Twenty-sixth St., 5 three-st'y brick dwells.; builder, W. H. Lower, 1518 North Twenty-sixth St.

Twenty-first St., n e cor. Moore St., two-st'y brick dwell.; builder, James Queen, 1638 South Nineteenth St.

Parrish St, n e and n w cor. Bucknell St., 2 three-st'y brick dwells.; owner, John M. Sharp, 1936 South College Ave.

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Rorer St., w s, n Abington St., two brick dwells.; owner, J. B. Joslin, Jr., Chestnut Hill.

Tioga Ave., n s, e Mather St., three-st'y brick dwell.; builder, Wm. Kerr, 513 Brown St.

Eighteenth St., w s, n Tioga St., 2 three-st'y brick dwells.; owners, Murther & Fickle, Broad St. and Germantown Ave.

Bridge St., w s, s Melrose St., two-st'y brick dwell.; builder, Thomas Waters, Melrose and Frankford Sts.

Tinicum Ave., s s, w Eighty-seventh St., two-st'y brick dwell.; owner, Isabella Johnson, 327 North Nineteenth St.

Thompson St., s s, w Fiftieth St., two-st'y brick dwell.; builder, Wm. M. Baldwin, 4507 Merion St.

Mohawk St., e Stanton Ave., three-st'y brick dwell.; builder, W. J. Pendleton, West St., Germantown.

Twentieth St.; e s, s Ontario St., 2 three-st'y brick dwells.; owner, J. C. Miller, 1525 Clearfield St.

Old York Road, s e cor. Albanus St., two-st'y dwell.; builder, Louis Deitrich, Chestnut Hill.

Ashbourne St., s w s, near Dittman St., two-st'y brick dwell.; owner, P. A. Brugh, Hagerstown, Md.

Germantown Ave., e s, n Baker St., three-st'y brick dwell.; owner, John Meyer, 3852 Germantown Ave.

Rorer St., w s, n Indiana Ave., two-st'y brick dwell.; builder, E. Adare, 3021 Rorer St.

Pink St., No. 1329, three-st'y brick dwell.; owners, Jos. Miller & Bro., 557 Chatham St.

Fifth St., w s, n Race St., three-st'y brick dwell.; builder, Jas. J. Allen, 865 North Forty-fifth St.

Sumac St., s s, e Freeland Ave., 2 three-st'y brick dwells.; builder, Charles E. Bartle, Thirty third St. and Lehigh Ave.

Wisteria St., s s, w Miller St., 2 two-st'y brick dwells.; builder, James Hilger, 59 Mechlin St.

Chelten St., s s, e Anderson St., three-st'y brick dwell.; builder, Jno. O. Broadbent, 506 Main St., Germantown.

Powelton Ave., s s, e Forty-first St., 5 three-st'y brick dwells.; builders, C. F. Wells & Son, 260 South Eighth St.

Preston St., e s, s Westminster Ave., 3 three-st'y brick dwells.; builders, Weeks & Michaelson, 4019 Lancaster Ave.

Budd St., e s, n Baring St., two-st'y brick dwell.; builder, J. A. Sloan, 2 North Forty-first St.

Twenty-second St., w s, s Geary St., two-st'y brick dwell.; owner, Thomas Watson, 910 Mifflin St.

Federal St., n s, s e Twenty-fifth St., four brick dwells.; owner, M. F. Morris, 1604 South Tenth St.

Twentieth St., e s, n Dauphin St., 8 three-st'y brick dwells.; builder, Wm. Blair, 2050 Reed St.

Walnut Lane, s e s, e Main St., 2 three-st'y brick dwells.; builder, Charles O. Roop, 4 Herman St., Germantown.

Preston St., e s, s Westminster Ave., 3 three-st'y brick dwells.; builders, Weeks & Michaelson, 4019 Lancaster Ave.

Oxford St., w s, w Fifty-fifth St., 19 two-st'y brick dwells.; builder, George W. Sherman, 3050 Clifford St.

Powelton Ave., s s, w Forty-second St., 2 two-st'y brick dwells.; owners, Jas. W. Saunders & Son, 230 North Twenty-second St.

Thirty-fourth St., n w cor. Spring Garden St., 9 three-st'y brick dwells.; owner, W. T. Gabell, 2032 North Seventeenth St.

Leverington St., n w s, n Selig St., 2 three-st'y brick dwells.; builder, Sylvester Yardby, 539 East Jefferson St., Rox.

Manayunk Ave., n e s, n w Adams St., 5 two-st'y brick dwells.; owner, Howard R. Yocum, 410 Lyceum Ave.

Fairhill St., e s, n Somerset St., 3 two-st'y brick dwells.; builder, R. B. Cronan, 2335 North Eighth St.

Sixteenth St., w s, n Cumberland St., 23 two-st'y brick dwells.; owner, John Loughran, 2238 North Broad St.

Parrish St., No. 1015, three-st'y brick dwell.; builder, F. N. Forsyth, 2129 Jefferson St.

Darien St., w s, s Susquehanna Ave., 4 two-st'y and three-st'y brick dwell.; owner, Samuel Shoemaker, 1931 Park Ave.

Sixteenth St., w s, s McKean Ave., brick dwell.; owner, M. Riley, 1932 South Sixteenth St.

Canby St., s s, w Twelfth St., 3 two-st'y brick dwells.; builder, Wm. Murphy, 723 Walnut St.

Dauphin St., n s, w Twenty-first St., three brick dwells.; owner, Robert Buchanan, 2025 North Twenty-second St.

Thirteenth St., w s, s McKean St., two-st'y brick dwell.; builder, Henry Shetzline, Seventeenth and Mifflin Sts.

Thirteenth St., w s, n Snyder Ave., three-st'y brick dwell.; builder, Jos. McKeever, 2231 South Thirteenth St.

Twenty-seventh St., w s, n Thompson St., 3 two-st'y brick dwells.; builders, Louis Walter & Son, 2816 Goldbeck St.

Ninth St., s e cor. Susquehanna Ave., 5 three-st'y brick dwells.; owner, Samuel Shoemaker, 1931 Park Ave.

Eighteenth St., w s, s McKean St., 15 two-st'y brick dwells.; owners, Murell & Prettyman, 25 North Juniper St.

Cotton St., n e s, w Manayunk Ave., 3 two-st'y brick dwells.; owner, Jno. Wolf, 1410 Terrace St.

H St., n w s, n e Levick St., brick dwell.; owner, W. E. Steinbach, 1913 Poplar St.

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BUILDING INTELLIGENCE.

Seventy-second St., s s, s Elwood St., 4 two-st'y brick dwells.; builder, P. E. Rehill, 6302 Woodland Ave.

Twenty-seventh St., w s, s Hartwell St., 2 two-st'y brick dwells.; owner, W. Heisler, Chestnut Hill.

Louden St., n s, e Second St. Pike, two-st'y brick dwell.; builders, Brockelhurst & Ewing, 514 West Norris St.

Fremont St., n w s, below Almond St., 10 two-st'y brick dwells.; owner, W. F. Cox, 826 Federal St.

Fillmore St., e s, s Indiana Ave., 3 two-st'y brick dwells.; owner, Charles Bateson, 4631 Lancaster Ave.

Cedar St., w s, n Wreken St., 7 two-st'y brick dwells.; owner, Jas. M. Benner, 3157 Richmond St.

North Ninth St., No. 436, three-st'y brick dwell; owner, A. M. Walkup, 825 Filbert St.

Linn St., No. 2207, three-st'y brick dwell.; builder, Elmer C. Higgins, 3935 Lancaster Ave.

Bainbridge St., n s, e Twenty-first St., three-st'y brick dwell.; builder, Lane Schofield, 2208 Madison Square.

Washington Ave., n s, e Twenty-first St., 13 two-st'y brick dwells.; builder, Thomas Johnson, 2036 Lingo St.

Lancaster Ave., n s, w Fiftieth St., 3 two-st'y brick dwells.; builder, Thomas H. Burrows, 5127 Kershaw Ave.

Baltimore Ave., s s, w Forty-fifth St., 4 three-st'y brick dwells.; owner, George Ross, Fernwood, Delaware Co.

Thirtieth St., w s, n Rex St., three st'y brick dwell.; builder, W. J. Gruhler, 45 Herman St.

G St., w s, n Tioga St., two-st'y brick dwell.; builder, Benjamin Wetzel, 3049 D St.

Bancroft St., e s, n Huntingdon St., 14 two-st'y brick dwells.; builder, E. A. Roth, 2033 North Twenty-ninth St.

Broad St., w s, n Dauphin St., three-st'y brick dwell.; builders, O'Brien Bros., Chew St. and Woodbine Ave.

Bucknell St., w s, n Parrish St., 18 two-st'y brick dwells.; owner, Jno. M. Sharp, 1936 South College Ave.

Venango St., n s, e Twelfth St., 2 two-st'y brick dwells.; builders, McLaughlin & Co., 3889 Clinton St.

D St., w s, n Indiana Ave., 2 two-st'y brick dwells.; builder, James Connor, 2062 Auburn St.

Snyder Ave., n s, w Juniper St., 6 three-st'y brick dwells.; owner, Andrew Mowbray, 1236 South Fifteenth St.

Edmund St., w s, n Linden St., two-st'y brick dwell.; owner, C. H. Doeding, 441 North Fourth St.

Willington St., e and w s, n Huntingdon St., 54 two-st'y brick dwells.; owner, W. G. Serrill, 1750 North Fifteenth St.

Huntingdon St., n s, w Twenty-sixth St., 2 two-st'y brick dwells.; owner, H. Abham, Huntingdon St., w Twenty-sixth St.

Thompson St., n s, e Seventeenth St., 2 two-st'y brick dwells.; builder, Abram Miller, 3606 North Fifteenth St.

Brown St., No. 1315, brick dwell.; builders, Geo. F. Payne & Co., 401 South Juniper St.

Bainbridge St., n s, e Third St., four-st'y brick dwell.; owner, Solomon Frank, n e cor. Third and Bainbridge Sts.

Wolf St., n s, w Eleventh St., 2 two-st'y brick dwells.; owner, Mary A. Shisler, Burk Road, e Ninth St.

Twenty-first St., w s, n Dickinson St., 8 two-st'y brick dwells.; builder, Thomas Johnson, 2037 Lingo St.

Sixty-fourth St., e s, s Hamilton St., two-st'y brick dwell.; builder, Alex. Ewing, 1823 Lombard St.

Fisher's Lane, s s, e Second St. Pike, three-st'y brick dwell.; builder, C. F. Harlacker, 2808 Warnock St.

Sunnyside St., e s, n Twenty-fifth St., three-st'y brick dwell.; owner, John F. Richards, 133 James St.

Mt. Airy Ave., e s, n Bryan St., three-st'y brick dwell.; builder, Isaac K. Peirson, 5560 Germantown Ave.

Thirty-fifth St., e s, s Cemetery Ave., three-st'y brick dwell.; builder, C. C. Linahan, 215 Spencer St.

Ellwood Ave., No. 6304, three-st'y brick dwell.; owner, R. J. Kirby, 334 South Fifteenth St.

Providence, R. I. — *Wood St.*, n s, w near Messer St., two-and-one-half-st'y frame dwell.; cost, $4,000; owner, W. W. Jackson; architect, H. K. Hilton; builders, Watts Bros.

Cranston St., s w cor. Waldo St., two-and-one-half-st'y frame dwell.; cost, $4,000; owner, Mrs. Emeline M. Cross; builder, A. B. Horton.

Halsey St., No. 19, four-st'y frame dwell.; cost, $20,000; owner and builder, Charles Cohen.

Wickenden St., n s, two-st'y frame dwell.; cost, $3,200; owner, Antonio S. Maricabo; architect, Clifton A. Hall; builder, John K. Harris.

Somerville, Mass.—*Bradley St.*, frame dwell., 22′ x 38′; owner, Samuel Emerson; builder, F. C. Fuller.

Pearl St., near Myrtle St, frame dwell.; owner, S. N. Cutter; builder, Lyman Leighton.

Flint St., No. 92, frame dwell., 23′ x 28′; owners and builders, Hudson & Lewis.

Morton St., near Glen St., frame dwell., 22′ x 30′; owner, J. W. Cristie; builder, W. W. Calkins.

Wallace St., No. 48, near Holland St., frame dwell., 25′ x 29.6′; owner, Clarence E. Collicson; builder, J. E. Herrick.

Berkeley St., frame dwell., 25′ x 27′; owner, J. F. Young; builder, A. M. Godfrey.

Jay St., frame dwell., 26′ x 49′; owners and builders, Robbins & Randlett.

Sanborn Ave., cor. Warren Ave., frame dwell., 28′ x 28′; owner, R. H. Sturtevant; builder, G. D. B. Robinson.

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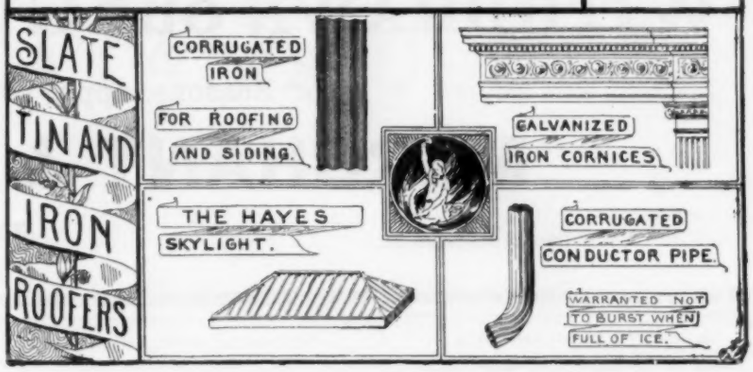

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BUILDING INTELLIGENCE.

Pinckney Pl., five frame dwells., each 21′ x 38′; owner and builder, H. A. Clarry.

Pearl St., near Wesley St., frame dwell.; owner, J. V. Steele; builders, W. L. & H. S. Waugh.

St. Louis, Mo. — Two-st'y brick dwell.; cost, $3,200; owner, A. Mansur; contractor, C. B. McCormack.

Two-st'y brick dwell.; cost, $5,000; owner, E. W. Mahoney; contractor, A. McAllister.

Two-st'y brick dwell.; cost, $3,800; owner and contractor, Jno. McMahon.

Two two-st'y brick dwells.; cost, $5,000; owner and contractor, J. J. Bissant.

Two-st'y brick dwell.; cost, $4,000; owner, Mat Green; contractors, Cook & Casey.

Two-and-one-half-st'y brick dwell.; cost, $6,000; owner, Mrs. A. Moultors; contract, sub-let.

Two-st'y brick dwell.; cost, $2,500; owner, Anton Poppe; contractors, Heimens & Hoffman.

Two-st'y brick dwell.; cost, $6,000; owner, Wm. Lotham; contractor, D. G. Hughes.

Two-st'y brick dwell.; cost, $4,000; owners, Zellar & Corblins; contractor, Baehring.

Two st'y brick dwell.; cost, $10,000; owner, Mrs. E. Havens; contractor, Baehring.

Two two-st'y brick dwell.; cost, $11,000; owner, T. S. Gerhard; contractor, Reidesser.

Two two-st'y brick dwell.; cost, $6,000; owner, Wm. Kuese; contractors, Galone & Co.

Two two-st'y brick dwells.; cost, $[illegible]; owner, Mrs Mary Williams; contractors, Galone & Co.

Two-st'y brick dwell.; cost, $3,200; owner, Mr. O'Keefe; contractor, Dougherty.

Three-st'y brick dwell.; cost, $3,000; owner, Aug. Nolde; contractor, H. Sodmann.

Two-st'y brick dwell.; cost, $3,500; owner, P. J. Nolan; contractor, J. W. Riley.

Two-st'y brick dwell.; cost, $2,700; owner and contractor, J. T. Kutta.

Two-and-one-half-st'y brick dwell.; cost, $4,000; owner, J. F. Burcley; contractor, E. A. Steinmeyer.

Two-st'y brick dwell.; cost, $3,000; owner and contractor, Wm. F. Bell.

Two-st'y brick dwell.; cost, $5,400; owner, M. Steinberg; contractor, C. H. Poertner.

Two-st'y brick dwell.; cost, $4,000; owner and contractor, L. B. Wright.

Two-st'y brick dwell.; cost, $2,800; owner, F. Widoc; contractor, F. Dilchneider.

Two-st'y brick dwell.; cost, $3,300; owner, F. Steiner; contractor, L. Peters.

Two-st'y brick dwell.; cost, $2,500; owner, C. A. Anderson; contractor, W. H. Wasserman.

Two-st'y brick dwell.; cost, $3,000; owner, E. Wind; contractor, Alios Krause.

Two two-and-one-half-st'y brick dwells.; cost, $5,800; owner, L. Hoffman; contractor, G. Becker.

Two-st'y brick dwell.; cost, $3,500; owner, Mrs. A. Synder; contract sub-let.

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BUILDING INTELLIGENCE.

Two-st'y frame dwell.; cost, $5,500; owner, Mary Kniffen; contractor, D. Stevens.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, R. Doerster.

Two-st'y brick dwell.; cost, $2,500; owner, S. Schutzins; contractor, J. Leuzer.

Two-st'y brick dwell.; cost, $3,000; owner, J. Hellwig; contractor, J. Mader.

Two-st'y brick dwell.; cost, $4,500; owner, J. I. Schindler; contractor, Wm. Meyer.

Two-st'y brick dwell.; cost, $3,000; owner, Mrs. C. Rieth; contractor, J. Stander.

Two-st'y brick dwell.; cost, $3,200; owner, J. Baume; contractor, H. F. Warring.

Two-st'y brick dwell.; cost, $6,000; owner, W. P. Crosswhite; contractor, F. C. Wells.

Three two-st'y brick dwells.; cost, $5,200; owner and contractor, G. L. Bulkley.

Two-st'y brick dwell.; cost, $6,600; owner, F. Annan; contractors, Kluth & Boeke.

Two-st'y brick dwell.; cost, $5,000; owner, Dr. P. Rossberg; contractors, Lay & Schnell.

Two two-st'y brick dwells.; cost, $5,000; owner, M. J. McKenna; contractor, H. Thompson.

Two-st'y brick dwell.; cost, $3,500; owner and contractor, D. Sutherland.

Two-st'y brick dwell.; cost, $3,000; owner, L. Plant; contractor, F. H. Gray.

Two-st'y brick dwell.; cost, $5,000; owner and contractor, M. E. Patterson.

Two-st'y brick dwell.; cost, $3,100; owner, A. Gredell; contractor, D. Evans.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, A. Meglitsch.

Two two-st'y brick dwells.; cost, $6,000; owner and contractor, A. Meglitsch.

Two-st'y brick dwell.; cost, $4,450; owner, E. A. Greenwood; contractor, L. J. Evans.

Two two-st'y brick dwells.; cost, $16,000; owner, Jno. Nolan; contractor, P. Nolan.

Two-st'y brick dwell.; cost, $2,700; owner, D. Rollman; contractor, J. Voek.

Worcester, Mass. — *Almont Ave.*, two-st'y frame dwell.; owner, Miss A. B. Phelan; contractor, U. Jacques; architects, Earle & Fisher.

Lexington St., three-st'y frame dwell.; owner, John Doyle; contractor, Wm. Power.

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BUILDING INTELLIGENCE.

Eckman St., three-st'y frame dwell.; owner, R. Smith; contractor, W. R. Thompson.

Glenwood St., three-st'y frame dwell.; owner and contractor, P. T. Hogan.

Almont Ave., one-and-one-half-st'y frame dwell.; owner, H. L. Scribner.

Marshall St., 2 three-st'y frame dwells.; owner, Theo. Berg; contractors, Nilson & Silven.

Millbury St., three-st'y frame dwell.; owner, J. Moberg; contractors, Nilson & Silven.

Everarad Ave., one-and-one-half-st'y frame dwell.; owner, A. M. Johnson; contractors, Nilson & Silven.

Whipple St., one-and-one-half-st'y frame dwell.; owner, J. S. Perry; contractor, Wm. O. Burns.

Wheeler St., one-and-one-half-st'y frame dwell.; owner, Mrs. M. E. Wentworth; contractor, T. M. Anderson.

OFFICE-BUILDINGS.

Boston, Mass. — *Court Square*, cor. Williams Court, Ward 10, five-st'y brick and stone offices and stores, flat roof, 60′ x 125.6′; owners, T. L. Smith heirs.

Chicago, Ill.—P. F. Gillespie, three st'y office-building, 70-72 Third Ave., and 331-335 Dearborn St.; cost, $30,000.

Philadelphia, Pa.—*Twenty-fourth St.*, w s, s Locust St., two-st'y office-building; builders, Samuel Hart & Son, 1109 Fairmount Ave.

Broad St., n w cor. Market St., eight-st'y office-building; owner, Pennsylvania Railroad Co., Broad and Filbert Sts.

RAILROAD-BUILDINGS.

Athol, Mass.—Brick railroad station, 42′ x 100′, with clock-tower 60 feet high; finished in cypress; for the Fitchburg R. R.; architect, Alden Frink, Boston.

Concord, Mass. — Frame union passenger station, 27′ x 44′; cypress finish; for the Fitchburg R. R.; architect, Alden Frink, Boston.

Marlboro, Mass. — Frame passenger station, 20′ x 72′, for the Fitchburg R. R.; architect, Alden Frink, Boston.

Shirley, Mass. — Frame passenger station, 21′ x 40′; cypress finish; for Fitchburg R. R.; architect, Alden Frink, Boston.

Wilton, N. H. — Brick passenger station, 27′ x 64′; finished in cypress; for Boston & Maine R. R.; builders, Dearborn Bros.; architect, Alden Frink, Boston.

SCHOOL-HOUSES.

Chicago, Ill.—Catholic Bishop, two-st'y school, One Hundred and Thirteenth Pl. and State St.; cost, $3,000.

St. Paul's Parochial School, three-st'y school, 158-160 Ambrose St.; cost, $20,000.

Board of Education, two-st'y school, 83 Houston St.; cost, $3,000.

Cincinnati, O.—Board of Education, 3 one-st'y frame school-houses, Price Ave.; cost, $4,000; architect, H. E. Siter.

Board of Education, three-st'y brick and stone school, Mansion Pl.; cost, $75,000; architect, H. E. Siter.

Philadelphia, Pa. — *Hermann St.*, n s, w Thirtieth St., three-st'y brick school-house; builder, C. C. O'Neil, 1216 South Broad St.

St. Louis, Mo.—Three-st'y brick school; cost, $9,500; owner, St. Louis University; contractor, D. Sullivan.

STABLES.

Boston, Mass. — *North Beacon St.*, opp. Everett St., Ward 25, frame stable, 20′ x 30′; owner, H. P. Judson.

East Second St., near K St., Ward 14, two-st'y frame stable, flat roof, 33′ x 60′; owner, James Garven; builders, Barry & Watson.

Cottage St., rear, near Norfolk Ave., Ward 20, two-st'y frame stable, flat roof, 27′ x 84′; owners, Walsh & Wilson; builder, A. McIntyre.

Otisfield Ave., near Gaston St., Ward 21, one-st'y frame stable, 22.6′ x 22.6′; owner, G. H. Washburn; builder, Peter Graffam.

Chicago, Ill. — Frank P. Waters, two-st'y barn, 57 South Leavitt St.; cost, $6,000.

S. Koyzk, three-st'y barn and flats, 688-690 Van Horn St.; cost, $3,000.

A. F. Fisher, two-st'y barn, 4515 Greenwood Ave.; cost, $3,000.

R. C. Frost, two-st'y barn, 660 Sixtieth St.; cost, $3,000.

Cincinnati, O. — T. J. Mulvehill, two-st'y brick and stone stables, Sycamore St.; cost, $5,150; architects, S. Hannaford & Sons.

Lowenstein & Co., two-st'y brick and stone stable, John St.; cost, $3,500; architect, M. Fisher.

Von Leelen & Mewerher, three-st'y brick and stone stable, Main St.; cost, $13,000; architect, E. G. Reuckert.

Haddonfield, N. J.—*Main St.*, frame stable is being built in the rear of property of Dr. L. E. Glover.

Philadelphia, Pa. — *Grays Ferry Road and Sixty-second St.*, two-st'y stable; owner, Edward R. Smith, Grays Ferry Road and Sixty-second St.

Catharine St., s s, w Sixty-first St., one-st'y brick stable; owner, R. Simpson, Catharine St., w Sixty-first St.

Westmoreland Ave., n s, e Fifteenth St., two-st'y brick stable; owner, John Stoie, 3301 North Fifteenth St.

Walnut Lane, e s, n Green Lane, two-st'y brick stable; builder, Geo. H. Miner, 12 Duval St.

Chelten Ave., s Sullivan St., two-st'y brick stable; owner, J. Clark, Chelten Ave., s Sullivan St.

Fortieth St., n s, n Locust St., two-st'y brick stable; builder, Jno. A. Palmer, 233 Fortieth St., s s.

South Front St., *Nos.* 410-412, two-st'y brick stable; owner, H. E. Furgeson, 1313 South Nineteenth St.

Island Road and Philadelphia Railroad, two-st'y brick stable; builder, Chas. Kates, Seventy-ninth St and Brewster Ave.

Haines St., *No.* 165, two-st'y brick stable; builders, Kruger & Sharpe, 29 Bringhurst St.

Nineteenth St., s Tioga St., brick stable; builder, Benj. J. Short, 1820 Tioga St.

Forrest Ave., *No.* 47, *Pittsville*, one-st'y stable; owner, Mrs. Lemuel Deider, 47 Forrest Ave., Pittsville.

Somerville, Mass. — *Cedar St.*, frame stable, 22′ x 28′; owner, Louis Millionthaler.

Flint St., *No.* 92, frame stable, 20′ x 30′; owners and builders, Hudson & Lewis.

Waldo St., frame stable, 20′ x 30′; owner, Dr. C. H. Codding; builder, A. M. Godfrey.

Berkeley St., frame stable, 20′ x 30′; owner, J. F. Young; builder, A. M. Godfrey.

St. Louis, Mo. — One-and-one-half-st'y brick stable; cost, $2,500; owner, R. E. Filley; contractor, P. Moynihan.

Worcester, Mass.—*Ingalls St.*, one-and-one-half-st'y frame stable; owner, P. H. Murphy; contractor, Wm. Power.

Florence St., one-and-one-half-st'y frame stable; owner, F. A. Ben; contractor, J. A. Larkham.

STORES.

Brooklyn, N. Y. — *Sutter Ave.*, n s, 20′ w Atkins Ave., three-st'y frame store and dwell., tin roof; cost, $4,000; owner, Mary Nelson, 647 Degraw St.

Flushing Ave., n e cor. Irving Ave., three-st'y frame store and dwell., tin roof; cost, $4,000; owner, R. B. Wilson, 1129 Madison St.

Broadway, w s, 88′ n Halsey St., 5 four-st'y brick stores and dwells., tin roofs; cost, $8,000 each; owner and builder, Robert L. Moores, 1450 Broadway; architect, Ernest Dennis, 115 Himrod St.

Eastern Parkway, s s, 25′ w Sackman St., three-st'y frame store and dwell., tin roof; cost, $4,500; owner, Chas. Dunieff, 135 Norfolk St., New York City; architect, Chas. Infanger, 126 Van Siclen Ave.

Atlantic Ave., n w cor. Louis Place, three-st'y frame store and dwell., tin roof; cost, $5,000; owner, Christ Baur, Saratoga Ave., near Herkimer St.; architect, Chas. Infanger, 126 Van Siclen Ave.

Schaffer St., n e cor. Evergreen Ave., three-st'y frame store and dwell., tin roof; cost, $4,000; owners and builders, Coxine & Gascoine, 1223 Bushwick Ave.; architect, Chas. E. Austin, 1223 Bushwick Ave.

Richard St., w s, 80′ s Walcott St., three-st'y frame store and dwell., tin roof; cost, $3,000; owner, Mr. Burk, Dight and Walcott Sts.; architect and builder, C. M. Dettefsen, 164 Conover St.

Fulton St., *Nos.* 532-540, three-st'y brick store, tin roof; cost, $120,000; owner, Cocks Estate, J. Biesmith, attorney, 137 Montague St.; architect, A. W. Ross, 155 Montague St.

Nassau Ave., s w cor. Russel St, four-st'y frame store and dwell., gravel roof; cost, $5,500; owner, Andrew E. Walker; architect, F. Weber, 209 Manhattan Ave.

Union Ave., n e cor. Johnson Ave., four-st'y brick store and dwell., tin roof; cost, $10,000; owner, S. Blumenstock, 16 Union Ave.; architect, Th. Engelhardt, 905 Broadway.

Ellery St., n s, 75′ e Sumner Ave., four-st'y brick store, gravel roof; cost, $4,500; owners, Miller & Gans, 790 Broadway; architect, Th. Engelhardt, 905 Broadway.

Hamburg Ave., n e cor. Stockholm St., 4 three-st'y frame stores and dwells., tin roofs; cost, $4,000 each; owner and architect, Theo. Fleishmann, 149 Bushwick Ave.

Troutman St., s s, 250′ e Knickerbocker Ave., 2 three-st'y frame stores and dwells., tin roofs; cost, $4,500 each; owners and builders, Spaeth, Saenger & Bayer, 272 Jefferson St.; architect, Th. Engelhardt, 905 Broadway.

Camden, N. J.— *Front and Arch Sts.*, one-st'y brick store; owner, Wm. Scudder.

Second St., e s, s Lombard St., two-st'y brick store; builder, C. C. O'Neil, 1216 South Broad St.

Ridge Ave., n e cor. Green St., three-st'y brick store; builder, M. A. Murray & Co., 1233 Butler St.

Kensington Ave., w s, s Harrowgate St., two-st'y brick store; builder, Peter Hoffman, 3034 Bley St.

Chicago, Ill.—D. F. & J. P. Doerr, 2 four-st'y stores and flats, 394-396 Forty-third St.; cost, $22,000.

Mrs. J. Cousin, three-st'y store and flats, 560 Hastings St.; cost, $3,000.

John R. Toroll, four-st'y store and flats, 6312-6314 Madison Ave.; cost, $35,000.

C. Buckingham, two-st'y store and flats, 133-135 South Sangamon St.; cost, $9,500.

B. O'Callahan, three-st'y store and flats, 496-500 Ogden Ave.; cost, $20,000.

C. H. Taylor, three-st'y store and flats, Wentworth Ave. and Fifty-fourth Ct.; cost, $8,000.

John F. Jarnck, 2 four-st'y stores and flats, 197-199 West Huron St.; cost, $26,000.

Mrs. W. Allen, two-st'y store and flats, 4232 Oakenwald Ave.; cost, $3,000.

F. D. Patterson, 7 four-st'y stores and flats, 366-376 Forty-third St.; cost, $45,000.

Franklin C. Orten, 9 four-st'y stores and flats, 55 Lexington Ave.; cost, $75,000.

Frank Kozak, two-st'y store and dwell., Storms Ave. and Seventy-fifth St.; cost, $3,500.

W. W. Vent, three-st'y store and flats, 309 California Ave.; cost, $6,000.

Thomas C. White, three-st'y store and flats, 355 West Adams St.; cost, $7,000.

Frances Leon, 2 three-st'y stores and flats, 1513-1515 West Lake St.; cost, $20,000.

William Fitzgerald, six-st'y store and flats, Twenty-sixth and State Sts.; cost, $50,000.

E. N. Weart & Co., three-st'y store and flats, 361 Sixty-third St.; cost, $7,000.

Martin Detwiler, three-st'y store and flats, 4618 Cottage Grove Ave.; cost, $7,000.

Patrick Murphy, three-st'y store and flats, 404 South Kedzie Ave.; cost, $6,000.

Frederick Kern, two-st'y store and flats, 3312 Halsted St.; cost, $5,000.

I. Meyer, five-st'y store and flats, 148 South Halsted St.; cost, $18,000.

J. C. Hazel, three-st'y store and flats, 242-244 Forty-seventh St.; cost, $12,000.

Albert Geddlecicka, four-st'y store and flats, 1225 California Ave.; cost, $6,000.

Frank O'Neill, 2 two-st'y stores and flats, 7256-7258 Cottage Grove Ave.; cost, $3,500.

Dominick F. Curley, 4 three-st'y stores and flats, 6546-6552 State St.; cost, $20,000.

Cincinnati, O. — Western Methodist Book Concern, brick and stone stores, etc., Fourth St.; cost, $50,000; architects S. Hannaford & Sons.

J. Hauck, four-st'y brick and stone store, Sixth and Plum Sts.; cost, $7,000; architect, J. J. Reuckert.

(*Continued on page* xx.)

RARITAN CATALOGUES

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We have made a new catalogue (white cover) and should be pleased to send you a copy if you are interested in this subject.

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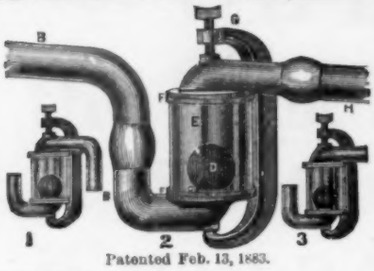

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BUILDING INTELLIGENCE.

Trustees of Crawford Old Men's Home, four-and-one-half-st'y brick and stone store and dwell., Sixth St.; cost, $6,000; architect, J. H. Reuckert.

New York, N. Y. — *East Forty-eighth St., No.* 157, four-st'y brick store, tin roof; cost, $17,000; owner, Charles & Co., Forty-third St. and Vanderbilt Ave.; architect, George H. Budlong, 160 Fifth Ave.

Bleecker St., s e cor. Greene St., six-st'y brick store, tin roof; cost, $35,000; owner, Marx W. Mendel, cor. Forty-second St. and Broadway; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.

St. Louis, Mo. — Two-st'y brick store and dwell.; cost, $2,500; owner, C. W. Heeg; contractor, W. F. Crosswhite.

Two-st'y brick store and dwell.; cost, $6,200; owner, H. Brinker; contractor, F. H. Gray.

TENEMENT-HOUSES.

Philadelphia, Pa. — *Alaska St., No.* 626, four-st'y brick tenement-house; builder, Thos. Little & Son, 217 Pear St.

St. Louis, Mo. — Three two-st'y brick tenements; cost, $10,000; owner and contractor, G. Meukum.

WAREHOUSES.

Baltimore, Md.—Thomas A. Agnew will build two-st'y brick warehouse, n s Camden St., bet. Eutaw and Paca Sts.

Brooklyn, N. Y. — *North Eleventh St.*, n s, 175′ w Berry St., two-st'y brick warehouse, tin roof; cost, $3,000; owners, McKesson & Robbins, 91 Fulton St., New York City; architect, Henry R. Marshall, 874 Broadway, New York City.

MISCELLANEOUS.

Baltimore, Md. — The Bennett Tile Works will build two-st'y corrugated iron building, s w cor. Eden and Aliceanna Sts.

Boston, Mass. — *Terrace St., Nos.* 158-160, Ward 22, three-st'y brick storage, flat roof, 65.5′ x 120′; owner, Highland Spring Brewing Co.; builder, T. J. Lyons.

Brooklyn, N. Y. — *Eleventh St.*, n s, 525′ w Kent Ave., two st'y brick gas generator house, iron roof; cost, $12,000; owner, Williamsburgh Gas Light Co., Bedford Ave. and South Second St.; architect, C. L. Rowland, 110 Greene St.; builder, J. P. Whittier, 70 Rust St.

Camden, N. J.— *Kaighns Ave. and Seventh St.*, two-st'y brick building: owners, Farr & Bailey.

Jackson St., w Broad St., one-and-one-half-st'y brick cold storage house; owners, Hess & Russell, 217 Lodge St., Philadelphia, Pa.

Beckett St., No. 331, one-st'y frame extension; owner, E. P. Tompkins, 331 Beckett St.

Newton Ave., No. 621, brick shop; owner, Chas. Johnson.

Chicago, Ill. — Webster Mfg. Co., five-st'y machine-shop, Fiftieth St. and Western Ave.; cost, $25,000.

John Epding, three-st'y shop and flats, 199 Augusta St.; cost, $4,000.

The Columbian Celebration Co., six-st'y spectatorium, 1-27 Fifty-sixth St.; cost, $200,000.

Cincinnati, O. — Cincinnati Turner Society, three-st'y Turner Hall, Walnut St.; cost, $30,000; architect, J. J. Reuckert.

W. W. & J. W. Crothers, five-st'y brick and stone laundry, Ninth St.; cost, $1,200; architect, J. H. Boll.

Cincinnati *Times-Star* Co., brick and stone publishing house, Sixth and Walnut Sts.; cost, $5,000; architects, S. Hannaford & Sons.

Detroit, Mich.—Diamond Match Co., four-st'y brick manufactory, 19-23 Eighth St.; cost, $30,000.

G. W. Lloyd, architect, brick power-house for Fort Wayne R. R., Clark Ave.; cost, $25,000.

Lynchburg, Va.—Five-st'y brick and stone business house will be built by Bell, Barker & Jennings at a cost of about $19,000.

New Orleans, La. — The Colored Masons have formed a $50,000 stock company for the purpose of building a temple.

Philadelphia, Pa.—*Bristol St.*, n e cor. Fourth St., two-st'y brick storehouse; builder, Myres Bros., 3751 North Fifth St.

Twenty-third St., w s, n Filbert St., brick engine-house; owner, Quaker City Mortar Co., 50 North Twenty-third St.

Meadow St., s w cor., one-st'y brick shop; owner, Philadelphia Engineering Works, Meadow and Mifflin Sts.

Frankford Ave., e s, s Merose St., one-st'y boiler-house; owner, Mason Fruit Jar Co., Bridesburg.

Ellwyn St., n Cherry St., two-st'y brick boiler-house; builders, Doyle & Doak, 2511 Moravian St.

Paul St., e s, n Orthodox St., one-st'y brick machine shop; builder, R. C. Winnals & Bro., 1628 Margaretta St.

Providence, R. I.—*Westfield St.*, s s, four-st'y brick building for manufacturing purposes; owner, Chas. H. Perkins; builder, Freeborn Johnson.

South St., n s, two-st'y frame building for office and stock-room; cost, $4,500; owners, Narragansett Electric Lighting Co.; builder, J. M. Battey.

North Main St., No. 424, three-st'y frame building; cost, $8,000; owner, Max Feldman; builder, R. O. Whiting.

Wayne, Pa.— Three-st'y brick building; for Sons of America; architect, William Shaw.

Worcester, Mass. — *Freemont St.*, one-st'y greenhouse; owner, P. Gormerly.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., October 10, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 31st day of October, 1892, and opened immediately thereafter, for all the labor and materials required for the erection and completion of a stable at the United States Marine Hospital, Chelsea, Mass., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Superintendent at Chelsea, Mass. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to to reject any and all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Erection and Completion of a Stable at the United States Marine Hospital, Chelsea, Mass.," and addressed to W. J. EDBROOKE, Supervising Architect. 878

Treasury Department, Office Supervising Architect, Washington, D. C., October 8, 1892. Sealed proposals will be received at this office until two o'clock P. M. on the 2d day of November, 1892, and opened immediately thereafter, for all the labor and materials required for the trench excavation, foundations, cut-stonework and brickwork, iron and wood floor, ceiling and roof construction, roof covering, etc., for the United States Court-house and Post-office building at Paris, Texas, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Paris, Texas. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Trench Excavation, Foundations, Cut-stonework and Brickwork, Iron and Wood Floor, Ceiling and Roof Construction, Roof Covering, etc., for the United States Court-house and Post-office building at Paris, Texas," and addressed to W. J. EDBROOKE, Supervising Architect. 878

Treasury Department, Office Supervising Architect, Washington, D. C., October 7, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 1st day of November, 1892, and opened immediately thereafter, for all the labor and materials required for the trench excavation, foundations, basement and area walls, basement columns and first floor beams for the United States Court-house and Post-office building at Mankato, Minn., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Mankato, Minn. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so.

PROPOSALS.

All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Trench Excavation, Foundations, Basement and Area Walls, Basement Columns and First Floor Beams for the United States Court-house and Post-office building at Mankato, Minn.," and addressed to W. J. EDBROOKE, Supervising Architect. 878

Treasury Department, Office Supervising Architect, Washington, D. C., October 5, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 26th day of October, 1892, and opened immediately thereafter, for all the labor and materials required for the painting, polishing, decorative painting, including repairs to plastering for the United States Custom-house and Post-office building at Cincinnati, Ohio, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Custodian at Cincinnati, Ohio. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed and marked "Proposal for the Painting, Polishing and Decorative Painting, including Repairs to Plastering for the United States Custom-house and Post-office building at Cincinnati, Ohio," and addressed to W. J. EDBROOKE, Supervising Architect. 878

Treasury Department, Office Supervising Architect, Washington, D. C., September 30, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 25th day of October, 1892, and opened immediately thereafter, for all the labor and material required for the low-pressure, return-circulation, steam-heating and ventilating apparatus for the United States Court-house, Post-office, etc., building at Birmingham, Ala., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Birmingham, Ala. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus for the United States Court-house, Post-office, etc., building at Birmingham, Ala.," and addressed to W. J. EDBROOKE, Supervising Architect. 877

Treasury Department, Office Supervising Architect, Washington, D. C., September 17, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 14th day of October, 1892, and opened immediately thereafter, for all the labor and materials required for the erection and completion (except plumbing, gas-piping, heating-apparatus, elevators, electric wiring and approaches) of the United States Appraiser's warehouse at New York City, N. Y., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at New York City, N. Y. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids, or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposals for the Erection and Completion (except Plumbing, Gas-piping, Heating-apparatus, Elevators, Electric Wiring and Approaches) of the United States Appraiser's Warehouse at New York City, N. Y.," and addressed to W. J. EDBROOKE, Supervising Architect.

EXTENSION.

Notice. Treasury Department, Office Supervising Architect, Washington, D. C., October 7, 1892. The time for opening the above proposals is hereby extended to 2 o'clock P. M., October 28, 1892. W. J. EDBROOKE, Supervising Architect. 877

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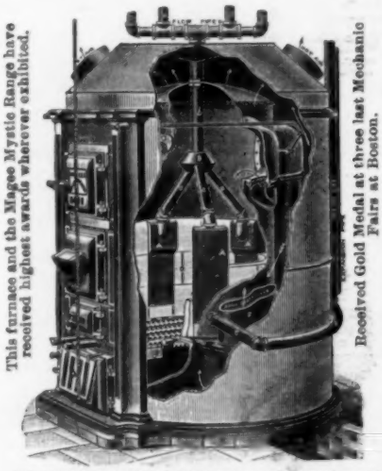

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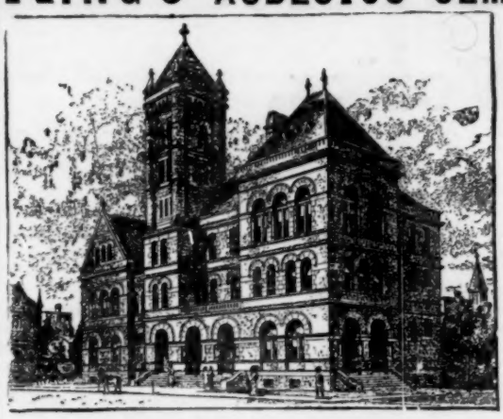

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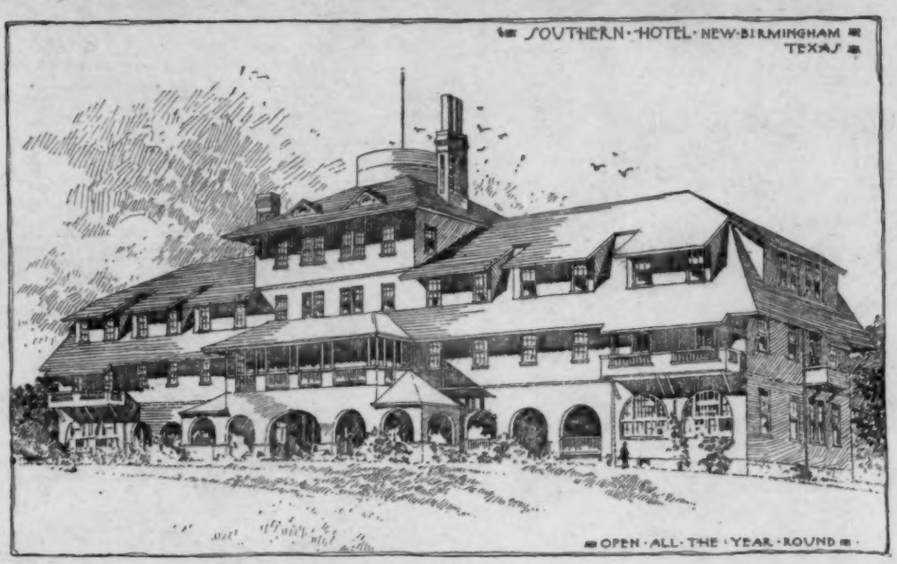

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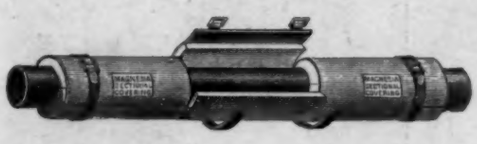

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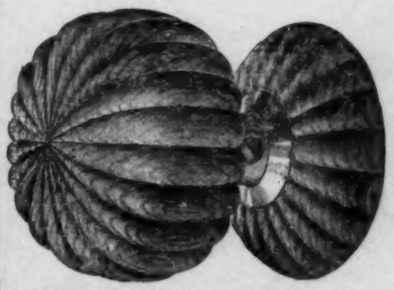

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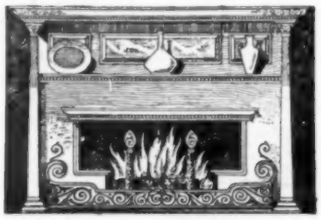

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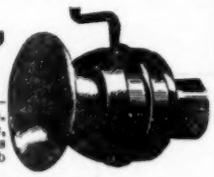

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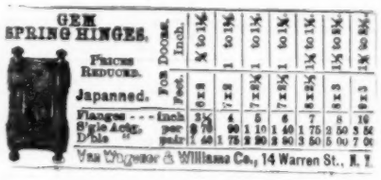

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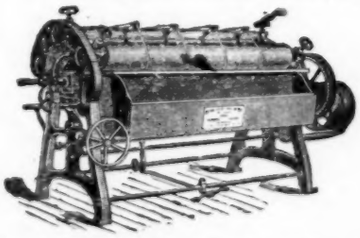

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" 3d quality	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce	@ 25 00	14 50 @ 25 00	*Not sold.*	16 00 @ 20 00
Hemlock	ca 13½ @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
Yellow pine	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress	@	31 00 @ 40 00	@	@ 35 00
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Pine	@	38 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce	@	23 00 @ 38 00	*Not sold.*	*Not sold.*
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Pine			12 00 @ 15 00	25 00 @ 37 30
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Redwood ℔ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	(30″ $35 @ 40
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Ash (*Kiln-dried.*)	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	90 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood (Mexican)	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 46 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ℔ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ℔ M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	@ 42 00

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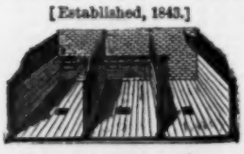

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Reported for the American Architect and Building News.

	New York. (Wholesale Prices.)	Boston. (Wholesale Prices.)	Chicago. (Prices to Builders and Contractors.)	Philadelphia. (Prices to Builders and Contractors.)
BRICK.—₱ M.				In Yard.
Common: *Cargo afloat.*				
Pale	1 75 @ 2 00	Eastern }	Building Brick	Sq. Hard @ 9 00
Jersey	4 00 @ 4 75	9 00 @ 10 00 }	@ 6 50	" @ 7 00
Long Island	@	Bay State Hard		Salmon @ 5 00
Up River	4 00 @ 4 75	7 00 @ 8 00		Sq. " @ 9 00
Haverstraw Bay 2d	4 75 @ 5 00	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 00 @ 5 25	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia }		Red "
" dark	@ 14 00	40 00 @ 45 00 }		@ 13 00
" red	@ 14 00	Phila. mould }		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00 }	15 00 @ 27 00	@ 13 00
" Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @100 00		@ 100 00	Dom. { @ 65
Enamelled (edge and end)	90 00 @115 00		@ 120 00	{ @ 82
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	85 @ 95	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	1 75 @ 2 00	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	{ White Mash
Wisconsin Lime			60 @	{ 1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 85	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 95	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 82	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	21 @ 25	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				55 @ 65
Granite: (*Maine*)		@ 60		
Limestone:				75 @ 90
Bedford	45 @ 1 25	95 @ 1 00	50 @	Richmond
Joliet	@ 1 00		35 @ 55	75 @ 1 50
Lemont	@	10 50 per ton	35 @ 60	₱ Perch @ 4 50
Serpentine	@		@ 1 00	

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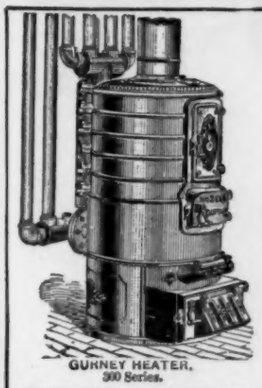
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 1
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	} 55 @ 1 00
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)		4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" green	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" purple	5 00 @ 6 00	10 00 @ 11 00	12 00 @ 14 00	} 50 @ 10 25
" red	@ 10 00	@	6 25 @ 6 85	325 @ 4 00
" black, Lehigh	4 25 @ 4 75	@	7 30 @ 8 00	00 @ 4 65
" " Chapmans	@	@	6 00 @ 9 00	5 50 @ 8 00
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	*Not Sold.*	@ 25 00
Tiles, Am ...℔ M.	@	@	@	6 00 @ 6 75
N. Peach Bottom, warranted unfading	@	@		
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7 @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	70 @ 5 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	55 @ 62	44 @ 45	57 @ 60	@ 60
" " boiled	58 @ 65	47 @ 48	60 @ 63	@ 63
Turpentine	36 @ 37	@ 35	51 @ 51	@ 44
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am	5½ @ 6	7 @ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 10	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 40	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask 2 90 (all kinds.)
Butts: 4" x 4" ..... (℔ doz. pairs.)	@ 1 00	@ 1 20	@ 90	@ 90
Plain	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Acorn, Japanned	@ 65	@ 50	*Not Sold.*	48 @ 50
Ball Tip, Boston Finish ... (℔ pair.)	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Bronze metal	@ 10	@ 10	@ 12	@ 1 00
Brass (for cupboards.)	@	@	@	@ 35
Ebony	@	@	@	37 @ 1 00
Apple wood				
Knobs: (℔ *set.*)	@ 8	@ 8	8 @ 10	@ 08
Mineral, best	@ 50	@ 75	65 @ 80	*Not Sold.*
Lava	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Hemacite	@ 30	@ 10	25 @ 30	@ 25
Porcelain	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, solid	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Glass, silvered	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	@	@	13 @ 16	13½ @ 16
Solder:	@	@ 7½	@ 7	@ 6½
81 set Lead	@	@ 6½	@ 6½	6 @ 6
Lead Pipe				
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3½	@ 3 4-10	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel Beams	3 3-10 @ 3½	@ 3 4-10	3 20 @ 3 70	@ 2 8-10



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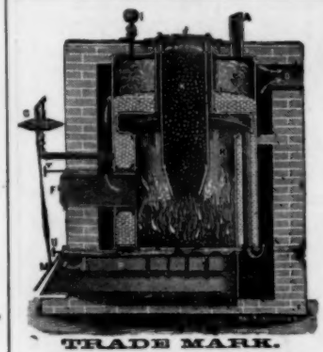

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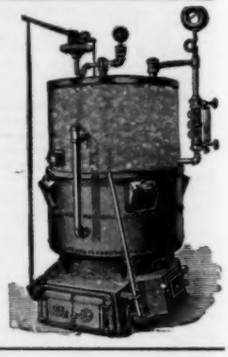

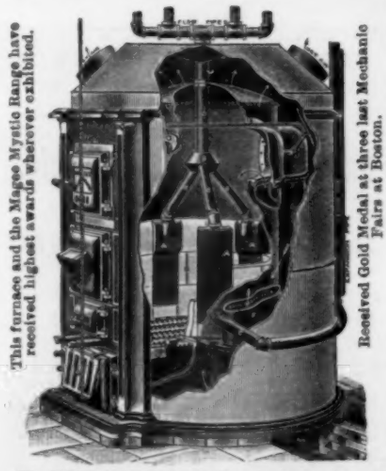

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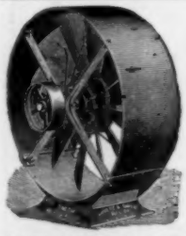

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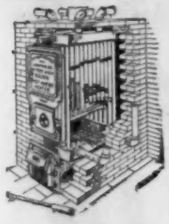

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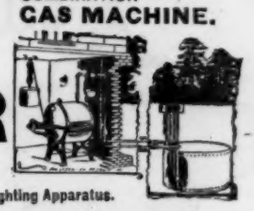

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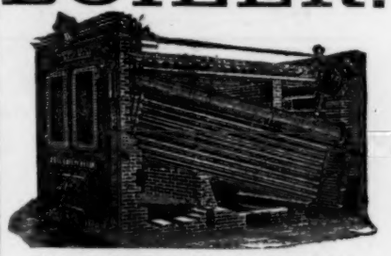

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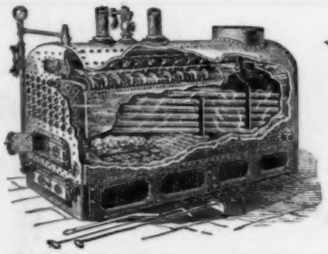

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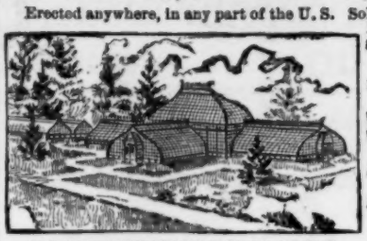

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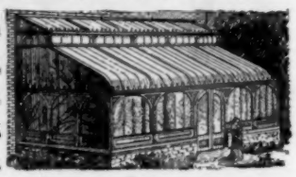

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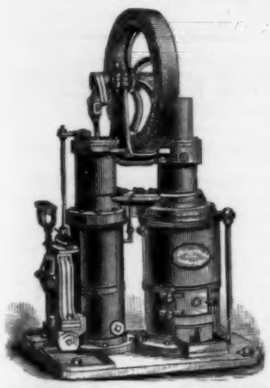

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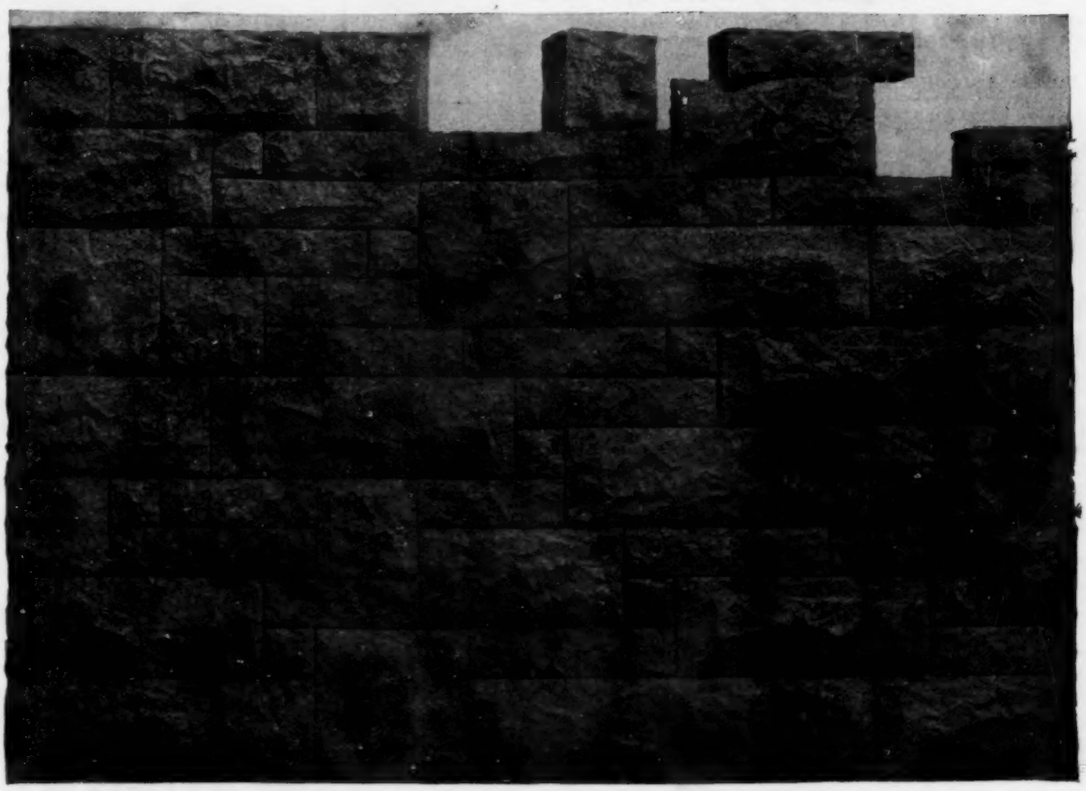

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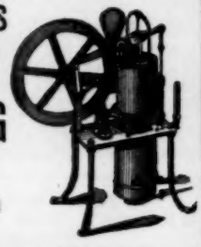

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Cannot collapse.
Will not leak.
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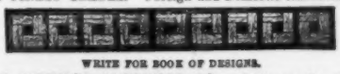

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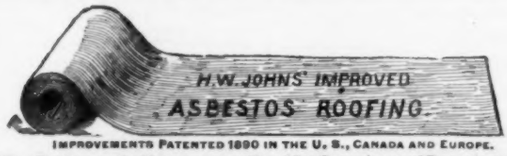

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Awarded the Grand Prize at the late Paris Exposition.

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[*This Table localizes only the main groups. For a full enumeration of advertisements see Classified Index on pages vii, xxi, and xxii.*]

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The American Architect and Building News

IS PUBLISHED EVERY SATURDAY BY

TICKNOR & COMPANY,

211 Tremont St., Boston, Mass.

For the American Architect and Building News Co.

Advance Subscription Rates.

Regular Edition, $6.00 per year; six months, $3.50.
Imperial Edition, $10.00 per year; six months, $6.00.
International Edition, per year in advance, $25.00.
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Advertising rates: For "wants" and "proposals," 15 cents per line, [8 words to the line] each insertion. 50 cents the least charge. Other rates on application.

New Advertisements.

STANDARD MFG. CO. (Pittsburgh, Pa.), Bath-tub. Page xix.
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CRANE & HALPIN (New York, N. Y.), Sliding-door Rail. Page xviii.
C. W. TANNER & CO. (Richmond, Va.), Fireproofing. Page xvii.

WANTED.

POSITION.—Wanted, re-engagement by draughtsman and civil engineer either in office or as superintendent; very best of references will be given. Address "C. S.," 605 North Clark Street, Chicago, Ill. 878

WANTED.

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BUILDING PATENTS.

[*Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.*]

483,565. Artificial Marble.—Jorgen G. Mardt, Copenhagen, Denmark.

483,569. Safety Attachment for Elevators.—Jacob Messner, Calumet, Mich.

483,597. Transom-Lifter.—Carl L. Boehme, Dresden, Germany.

483,619. Chimney-Cowl.—John B. Oldershaw, Baltimore, Md.

483,625. Electric Burglar-Alarm.—Homer T. Wilson, Louisville, Ky.

483,631. Foul-Air Ventilator.—Samuel Z. Martin, Lock Haven, Pa.

483,638. Brick-Kiln.—Charles A. Snow, Brick Haven, Va.

483,650. Ventilator.—John Gross and Herman Beck, New York, N. Y.

483,684. Bench-Hook.—William L. Frisbie, Syracuse, N. Y.

483,725. Hygrometric Valve-Controller.—Charles W. Rogers, Chicago, Ill.

483,728. Electric Burglar-Alarm.—Alfred Stomberg, Chicago, Ill.

483,739. Door-Lock Switch for Electric Lights.—Charles Green, Toronto, Can.

483,758-759. Electrical Heater.—Arthur E. Appleyard, Boston, Mass.

483,781. Malt-Kiln Floor.—Franklin B. Giesler, Milwaukee, Wis.

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483,789. Window-Screen.—Ward E. Pierce, Pulaski, N. Y.

483,795. Faucet.—William X. Stevens, Washington, D. C.

483,804. Basin-Clamp.—Joseph H. Glauber, Cleveland, Ohio.

483,819. Hot-Air Furnace.—Robert Tate, Toronto, Can.

483,841. Device for Detachably Securing Desks, Seats, etc., to Floors.—Frank E. Goodnow, Northville, Mich.

483,844. Burglar-Alarm Contact.—Nevil M. Hopkins, Washington, D. C.

483,863. Furnace. Henry C. Platts, London, Eng.

483,883. Mine-Door.—Governor D. Warren, Coal Gate, Ind. Ter.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING OCTOBER 14, 1892.

From Amsterdam.—Steamer "*P. Caland*," 1,000 casks cement, E. Thiele; 400 do., order.

From Antwerp.—Steamer "*Waesland*," 1,002 barrels cement, E. Thiele; 1,250 do. Portland cement, A. G. Duysters; 140 iron girders, Brown Bros. & Co.; 225 barrels Portland cement, 3,100 do. cement, order.

From Barcelona.—Steamer "*Edinburgh*," 17 boxes cement, order.

From Bremen.—Ship "*Otto*," 8,050 loaves asphaltum, 1,500 casks cement, Baetjer & Meyerstein; 3,986 loaves asphaltum, C. W. Saacke. Steamer "*Dresden*," 100 fire bricks, Oelrichs & Co.; 350 barrels cement, 1,008 casks do., order. Steamer "*Trave*," 392 casks cement, order.

From Catania.—Steamer "*Entella*," 100 tons asphalt, order.

From Fulme.—Steamer "*Britannia*," 89 barrels asphalt, Roessler & Haslacher.

From Glasgow.—Steamer "*State of California*," 105 barrels enamelled bricks, C. R. Weeks & Bro.; 68 cases granite, Austin, Baldwin & Co.; 13 blocks stones, G. P. Sherwood; 5,000 bricks, 50 blocks stone, James E. Ward & Co.

From Guantanamo.—Bark "*Jose D. Bueno*," 30 logs mahogany, G. Amsinck & Co.

From Hamburg.—Steamer "*California*," 560 casks cement, E. Thiele; 550 barrels Portland cement, order.

From Liverpool.—Steamer "*Aurania*," 319 casks bricks, Howard Fleming. Steamer "*Bovic*," 368 casks bricks, Meeker & Carter; 60,400 fire bricks, order.

From London.—Steamer "*Michigan*," 2,000 casks cement, 100 logs mahogany, 2 blocks asphalt, order. Steamer "*Ludgate Hill*," 1,770 casks cement, 6 logs wood, order.

From Manzanilla.—Schooner "*Chas. A. Gilberg*," 220 logs cedar, 200 do. mahogany, Thos. J. Owen & Co.

From Newcastle-on-Tyne.—Steamer "*Principia*," 64 casks glazed bricks, Chas. R. Weeks & Bro; 25,009 square fire bricks, Hammill & Gillespie.

From Stettin.—Steamer "*Thingvalla*," 1,150 barrels Portland cement, E. Thiele; 1,300 do., H. Marquardt & Co.; 700 do., order. Bark "*Crimerhaven*," 2,830 barrels cement, order.

From Swansea.—Steamer "*Dago*," 31,000 fire bricks, Hammill & Gillespie.

From Vera Cruz.—Steamer "*Valencia*," 241 blocks marble, E. Zarang & Co.; 12 sacks asphaltum, H. A. Forest & Co.

From Windsor, N. S.—Schooner "*Gypsum Prince*," 1,300 tons lump plaster, J. F. Whitney & Co. Schooner "*Gypsum King*," 1,130 tons plaster, J. F. Whitney & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Brooklyn, N. Y.—*Forty-ninth St.*, n s, 220′ w Fourth Ave., two-st'y frame tenement, tin roof, raised one story and internal alterations made; cost, $3,000; owner, Mr. Peterson, adjoining premises; architects, H. L. Spicer & Sons, Third Ave. and Fifty-third St.

Johnson Ave., s s, 100′ w Ewen St., two-st'y brick school-house, tin roof, three-st'y brick extension, tin roof, and other alterations; cost, $20,000; owner, Board of Education, 131 Livingston St.; architect, J. W. Naughton, 131 Livingston St.

Twenty-sixth St., foot of, one-st'y brick storehouse, gravel roof, damage by fire to be repaired; cost, $4,600; owners, The Brooklyn Warehouse and Dry Dock Co., foot of Twenty-sixth and Twenty-seventh Sts.

Bushwick Ave., w s, 320′ 6¼″ s Greene Ave., one-st'y frame church, slate roof, one-st'y brick extension, gravel roof; cost, $5,000; owner, St. Barnabas Church Congregation, on premises; architect, Th. Engelhardt, 905 Broadway.

Tenth St., No. 383, three-st'y brick dwell., tin roof, three-st'y brick extension, tin roof, and internal and other alterations; cost, $3,500; owner, Michael Kemp, 86 South St., New York City; architect, J. W. Bailey, 44 Court St.

Third Ave., No. 1189, four-st'y brick store and tenement, tin roof, damage by fire to be repaired; cost, $3,500; owners, F. W. & T. L. Arnold, 234 Warren St.; architects, Fowler & Hough, 280 Broadway, New York City; builder, Stephen Hazzard, 175 Pacific St.

First Pl., No. 96, four-st'y brick dwell., raised one foot and internal and other alterations made; cost, $3,000; owner, Stephen W. Collins, 69 Wall St., New York City; architect, J. Dall, 635 Lexington Ave.

Columbia Heights, n e cor. Orange St., ten-st'y brick, granite and terra-cotta apartment-house, tin and tile roof, raised two stories; cost, $50,000; owner, John Arbuckle, 111 Front St., New York City; architect, Frank Freeman, 132 Nassau St., New York City.

Tompkins Ave., No. 351, three-st'y brick dwell.,

(*Continued on page* xv.)

BACK NUMBERS WANTED.

The publishers of the *American Architect* would like to purchase a few copies of

Nos. 801, 807 and 827

of the Regular edition, and of

Nos. 790, 794 and 795

of the Imperial edition. Double price will be paid for copies in good condition.

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See last or next issue for the following advertisements.

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BUILDING INTELLIGENCE.

Board of Education, 131 Livingston St.; architect, J. W. Naughton, 131 Livingston St.

Twenty-sixth St., foot of, one-st'y brick storehouse, gravel roof, damage by fire to be repaired; cost, $4,600; owners, The Brooklyn Warehouse and Dry Dock Co., foot of Twenty-sixth and Twenty-seventh Sts.

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Tompkins Ave., No. 351, three-st'y brick dwell.,

(*Continued on page* xv.)

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THE PUBLIC TASTE, AND THE PUBLIC POCKET.

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Although Hard Oil Finish is made only by us, the name has been extensively counterfeited so that in specifying it, spurious articles should be barred out by writing "BERRY BROTHERS' HARD OIL FINISH."

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BUILDING INTELLIGENCE.

gravel roof; raised one story, four-st'y brick extension, tin roof added, and other alterations; cost, $3,000; owner and architect, John F. Graham, 229 Sumner Ave.

Glenmore Ave., s s, bet. Stone Ave. and Watkins St., three-st'y brick schoolhouse, slate and tin roof; three-st'y brick extension, tin roof added, and other alterations; cost, $15,000; owner, Board of Education, 131 Livingston St.; architect, J. W. Naughton, 131 Livingston St.

Fulton St., No. 229, four-st'y brick store, gravel roof, internal and other alterations; cost, $3,000; owner, Mr. Mathey, on premises; architect, Carl P. Eisenach, 59 Court St.

St. Mark's Ave., No. 119, three-st'y brick dwell., tin roof; cost, $3,000; owner, J. Edwards, on premises; architect, John J. Pettit, 186 Remsen St.

Bushwick Ave., n w cor. Schaeffer St., alterations to three-st'y frame flat; owner, George Baker; architect, Ernest Dennis.

Camden, N. J.— *Carson St., No* 752, one-st'y alteration; owner, John Corbit.

Chicago, Ill. — Northwestern Ry. Co., two-st'y extension to depot, 22-24 North Market St.; cost, $8,000.

Chicago & Western Indiana R. R. Co., one-st'y addition, Third Ave., bet. Polk and Taylor Sts.; cost, $18,000.

Doylestown, Pa.—Plans have been prepared for improving dwell. for Philip H. Fretz; architect, M. B. Bean, Lansdale, Pa.

Glendale, N. Y.— Alterations to school-house; cost, $1,400; architect, Ernest Dennis, Brooklyn, N. Y.

Philadelphia, Pa. — *Locust St., No.* 1229, remodelling of dwell. for the Seybert estate.

Morris St., No. 424, alterations and additions to dwell.; owner, Andrew McHugh; architect, Robert A. Pitts, 224 South Third St.

APARTMENT-HOUSES.

Brooklyn, N. Y. — *Fourth Ave.*, e s, 20' s Thirty-third St., 6 three-st'y brick flats, tin roofs; cost, $7,000 each; owner, William H. Norris, 246 Thirteenth St.; architect, A. V. B. Norris, Windsor Terrace, L. I.

Kosciusko St., Nos. 524-528, 3 three-st'y brick flats, tin roofs; cost, $5,000 each; owner and builder, James Cumisky, 12 Harman St.; architect, Ernest Dennis, 115 Himrod St.

Lexington Ave., s s, 325' e Stuyvesant Ave., 6 four-st'y brick flats, tin roofs; cost, $9,000 each; owner, Louis Schnibbs, 812 Gates Ave.; architects, I. D. Reynolds & Son, 363 Fulton St.

Chicago, Ill.—Lile Wagner, two-st'y flats, 6349 Lexington Ave.; cost, $4,000.

Ella K. Gilbert, 6 four-st'y apartment buildings, s w cor. Ingleside Ave. and Twenty-fifth St.; cost, $20,000.

Mary Kowska, three-st'y flats, 287 West Twentieth St.; cost, $6,500.

Gabriel Franchers, 3 three-st'y flats, 59-65 Vernon Pl.; cost, $50,000.

John Nelson, three-st'y flats, 373 West Huron St.; cost, $4,800.

W. Kerns, two-st'y flats, 253 Seminary Ave.; cost, $3,000.

Henry Hoepe, two-st'y flats, 346 Clybourn Ave.; cost, $3,000.

Henry Hoepe, two-st'y flats, 311-313 Malvansia St.; cost, $6,000.

J. L. Suerbs, three-st'y flats, 667 North Paulina St.; cost, $6,500.

I. Noonan, two-st'y flats, 756 Fifty-ninth St.; cost, $3,500.

M. J. Sheriden, three-st'y flats, 344 Sixty-first St.; cost, $6,000.

S. A. Bailou, two-st'y flats, 6344 Aberdeen St.; cost, $3,000.

Emily A. Hill, two-st'y flats, 750 North Park Ave.; cost, $5,000.

Sam. Halls, 2 two-st'y flats, 213-215 Springfield St.; cost, $4,000.

J. H. Isben, four-st'y flats, 3716 Wabash Ave.; cost, $20,000.

L. E. Epstean, 12 three-st'y flats, 4940-4958 Washington Ave.; cost, $100,000.

Walter G. Githens, four-st'y flats, 5101-5103 Kimbark Ave.; cost, $30,000.

H. Sheldon, 2 two-st'y flats, 7743-7745 Cottage Grove Ave.; cost, $4,450.

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E. C. Harpold, two-st'y flats, 2227 North Ashland Ave.; cost, $4,000.

Mary Walsh, three-st'y flats, 5479 Lexington Ave.; cost, $7,000.

S. B. How, three-st'y flats, 5515 Jefferson Ave.; cost, $7,000.

Joseph Thorney, three-st'y flats, 380 Twenty-fourth St.; cost, $5,500.

George Thompson, three-st'y flats, 3022 Wabash Ave.; cost, $7,000.

Michael Walsh, three-st'y flats, 179 Webster Ave.; cost, $4,500.

E. C. Harpold, two-st'y flats, 2227 West Ashland Ave.; cost, $4,000.

George Embecher, two-st'y flats, 4943 St. Laurence Ave.; cost, $5,000.

Andrew Anderson, three-st'y flats, 3017 Buffalo Ave.; cost, $3,500.

Emma Kummer, 3 two-st'y flats, 2706 Fifth Ave.; cost, $5,000.

John Nelson, three-st'y flats, 373 West Huron St.; cost, $4,800.

I. N. Cunning, 6 two-st'y flats, 1725-1743 Twenty-third St.; cost, $27,000.

Alfred Anderson, 2 two-st'y flats, Stewart Ave. and Seventy-third St.; cost, $8,000.

Anton Johnson, two-st'y flat, 746 North Rockwell St.; cost, $3,000.

John Wilson, two-st'y flats, 246 Clinton St.; cost, $3,000.

Patrick Kealy, three-st'y flats, 324 Fifth Ave.; cost, $6,000.

Emma Tibbets, two-st'y flats, 915 Sawyer Ave.; cost, $3,500.

R. L. Naite, 3 two-st'y flats, 6531-6535 Union Ave.; cost, $10,000.

Charles W. Pardridge, 5 four-st'y flats, 4609-4610 Lake Ave.; cost, $35,000.

Mary E. Stewart, two-st'y flats, 634 Morgan St.; cost, $3,000.

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George N. Pogne, 4 four-st'y flats, 116-118 South Clinton St.; cost, $27,000.

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J. M. Lydiard, two-st'y flats, 331 Lincoln Ave.; cost, $3,500.

John Jobst, three-st'y flats, 623 Larrabee St.; cost, $4,000.

Katie Hinzt, 2 two-st'y flats, 621 Franklin St.; cost, $6,500.

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Madison Ave., n e cor. One Hundred and Thirty-first St., 4 five-st'y brick flats, tin roofs; cost, $75,000; owner, Frederick Rohrs, 302 East One Hundred and Twenty-sixth St.; architect, Walter H. C. Hornum, 150 East One Hundred and Twenty-fifth St.

Alexander Ave., e s, from One Hundred and Thirty-eighth to One Hundred and Thirty-ninth St., 17 five-st'y brick flats, tin roofs; cost, $361,000; owners, John and Nicholas Cotter, One Hundred and Thirty-eighth St. and Willis Ave.; architect, C. A. Millner, 19 Park Place.

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Two two-st'y brick flats; cost, $5,000; owner, J. Halpin; contractor, R. Schimmick.

Worcester, Mass.—*Austin St.*, four-st'y brick apartment block; owner, H. H. P. Fingold; contractor, F. Gallagher & Co.; architect, H. Lajoi.

CHURCHES.

Camden, N. J.— *Linden St.*, bet. Third and Fourth Sts., brick and stone church; builder, John C. Rogers.

Chicago, Ill. — Fernwood Methodist Church, One Hundred and First St. and Jefferson Ave., church; cost, $5,000.

Polnisch Stanislaus Church, two-st'y church, Fifty-third and Grand Sts.; cost, $70,000.

Cincinnati, O. — Ninth St. Baptist Church, frame church, Vine St.; cost, $2,500; architects, Crapsey & Brown.

Brick and stone Italian Church of the Sacred Heart, Broadway; cost, $20,000.

Bonaventura Congregation, church and parsonage, Queen City Ave., near Harrison Ave.; cost, $26,000; architects, Rieg & Marty.

People's Congregation, brick and stone church, George St.; cost, $15,000; architects, Crapsey & Brown.

Ninth St. Baptist Church, frame church, Third St.; cost, $2,500; architects, Crapsey & Brown.

Ninth St. Baptist Church, frame church, Eighth St.; cost, $2,500; architects, Crapsey & Brown.

Montreal, Can.—*St. Denis St.*, Presbyterian church; owner, Cote St. Louis Church congregation; architect, Edward Maxwell, 1766 Notre Dame St.

Philadelphia, Pa. — *Bainbridge St.*, w Eighteenth St., brick and stone Gothic church; owner, Holy Trinity Baptist Congregation; architect, Will. H. Decker, Hale Building.

Providence, R. I. — *West Hoyle St.*, n s, frame church; cost, $6,000; owner, Swedish Congregational Society; architect, Franklin J. Sawtelle; builders, Wilson Bros.

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Mrs. L. B. Gibson, four-st'y brick and stone factory, Sixth St.; cost, $18,000; architect, A. O. Elzner.

New York, N. Y. — *One Hundred and Thirty-fourth St.*, n s, 100′ e Fifth Ave., six-st'y brick factory, concrete roof; cost, $72,000; owner, James Everard, 28 West Twenty-eighth St.; architect, M. V. B. Ferdon, 265 West Thirty-fourth St.

Philadelphia, Pa. — *Schuylkill Ave.*, s e cor. Oscar St., brick factory; owners, Ammonia Co., Gray's Ferry Road and Twenty-ninth St.

Thirtieth St., n s, w Thompson St., three-st'y brick factory; owner, Leonard Schwab, 940 North Sixth St.

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Madison St., s s, 100′ w Patchen Ave., 7 two-st'y brick dwells., tin roofs; cost, $4,200 each; owner and architect, Calvin W. Raymond, 93 Covert St.

Bradford St., w s, 100′ n Belmont Ave., 5 three-st'y brick dwells., tin roofs; cost, $4,500 each; owner, E. W. Rogers, on premises; architect, A. J. Warren, 2581 Atlantic Ave.

Sands St., s s, 38′ from Gold St., four-st'y brick dwell., gravel roof; cost, $8,000; owners, S. & J. C. Burling, 171 Gold St.

Fourth Ave., e s, 50′ n Thirty-seventh St., four-st'y brick dwell., tin roof; cost, $6,000; owner, Nicholas Sevenson, 823 Amsterdam Ave., New York City; architect, Wm. Hupehen, 538 Fourth Ave.

Underhill Ave., s w cor. Prospect Place, 2 two-st'y brick dwells., tin roofs; cost, $8,000 each; owner, F. Robinson, 708 East One Hundred and Forty-fifth St., New York City; architect, G. A. Schillinger, 228 Broadway.

Underhill Ave., w s, 20′ s Prospect Place, 13 two-st'y brick dwells., tin roofs; cost, $5,000 each; owner, F. Robinson, 708 East One Hundred and Forty-fifth St., New York City; architect, G. A. Schillinger, 248 Broadway.

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Hamilton Ave., s s, 129′ 4″ e Summit St., three-st'y brick dwell. and shop, tin roof; cost, $3,000; owner, Christian Luts, 112 Hamilton Ave.; architect and builder, C. M. Detlefson, 164 Conover St.

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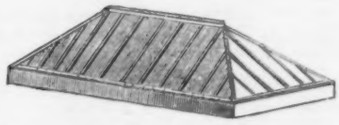

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Henry Ivo & Co., brick dwell., 57 Alexandrine Ave.; cost, $6,700.

A. G. Phelps, frame dwell., 121 Hastings St.; cost, $5,400.

Andrew Clark, brick dwell., 30 Pitcher St.; cost, $5,500.

R. E. Raseman, two brick dwells., 196-198 Macomb St.; cost, $5,800.

Dunton, N. Y. — Frame dwell.; cost, $3,500; owner, George Baker; architect, Ernest Dennis.

Frame cottage; cost, $2,800; owner, Henry Wade; architect, Ernest Dennis.

Montreal, Can. — *Long Point Road*, dwell.; owner, M. Viau; architect, L. R. Montbriant, 42 St. André St.

McGregor St., dwell.; owner, James Crathern; architect, Edward Maxwell, 1766 Notre Dame St.

Mountain St., dwell.; owner, Geo. Bishop; architect, A. Gendron, 99 St. James St.

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$4,500; owner, Michel Guerin; architect, E. Saimbault, 260 St. James St.

Philadelphia, Pa. — *North Twenty-eighth St., No.* 1416, three-st'y brick dwell.; builder, Thomas McCarty, 1935 North Seventh St.

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Mt. Vernon St., s s, e Thirty-sixth St., 5 two-st'y brick dwells.; owner, Wm. Tracey, 3527 Harverford St.

Lawrence St., No. 1056, three-st'y brick dwell.; builder, Thos. McCarty, 1935 North Seventh St.

Locust St., n s, w Twelfth St., 2 four-st'y brick dwells.; builder, Wm. J. Murphy, 723 Walnut St.

Nineteenth St., w s, s Morris St., 2 two-st'y brick dwells.; owner, Geo. Curran, 2014 Tasker St.

Jackson St., n s, w Ninth St., three-st'y brick dwell.; owner, A. McCall, 1806 South Eighth St.

McKean St., n e cor. Second St., 3 three-st'y brick dwells.; owner, Frank Hoppe, s e cor. Second and McKean Sts.

Snyder Ave., n s, w Second St., 16 two-st'y brick dwells.; owner, J. J. Cassidy, 1948 Moyamensing Ave.

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Baltimore Ave., n s, bet. Forty-seventh and Forty-eighth St., 26 three-st'y brick dwells.; architect, J. Elvin, 804 Walnut St.

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Wendover St., s s, w Manayunk Ave., 2 two-st'y brick dwells.; owner, Robert Boone, 4108 Manayunk Ave.

Somerton Pike, e s, near Byberry St., three-st'y brick dwell.; builder, W. D. Burbeck, Somerton.

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Hicksville, N. Y.—School-house; cost, $6,000; architect, Ernest Dennis, Brooklyn, N. Y.

Union Course, Queen's County, N. Y. — Frame school-house; cost, $7,000; architect, Ernest Dennis, Brooklyn, N. Y.

Woodhaven, N. Y. — Three-st'y brick school-house; cost, $40,000; architect, Ernest Dennis, Brooklyn, N. Y.

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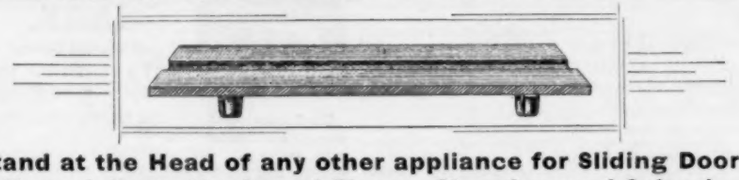

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Philadelphia, Pa. — *Marshall St.*, e s, n Indiana Ave., brick stable; owner, August Krabo, 617 Indiana Ave.

St. Louis, Mo. — Two-st'y brick private stable; cost, $7,000; owner, Columbia Brewing Co.; contractors, Bothe & Rotermann.

STORES.

Chicago, Ill.— T. F. Yore, three-st'y store, flats and barn, 387 Taylor St.; cost, $9,000.

Montreal, Can. — *Ontario St.*, store and dwell.; owner, B. Lefebvre; architect, L. R. Montbriant, 42 St. André St.

Notre Dame St., store and dwell.; owner, Frank Stephen; architect, Eric Mann, 30 St. John St.

St. Louis, Mo. — Two-st'y brick store and dwell.; cost, $3,600; owner, Lydia Bischoff; contractor, J. Ferguson.

Two-st'y brick store; cost, $5,000; owner, M. Steinberg; contractor, C. H. Poertner.

TENEMENT-HOUSES.

Montreal, Can. — *St. André St.*, tenement-house; owner, Alexis Brunet; architect, J. Albide Chaussé, 153 Shaw St.

WAREHOUSES.

Philadelphia, Pa. — *Richmond St., No.* 513, two-st'y brick warehouse; builder, S. B. McDowell, 2144 North Twentieth St.

MISCELLANEOUS.

Brooklyn, N. Y.— *Kent Ave.*, s w cor. Division Ave., one-st'y brick power-house, slate and copper roof; cost, $225,000; owner, Brooklyn City Railroad Co., 170 Montague St.; architect, S. Pearson, Boston, Mass.

Boston, Mass. — *Wales Pl.*, rear Columbia St., *No.* 212, Ward 24, one st'y frame milk depot and office, pitch roof, 45' x 56'; owner, Stephen F. Forbush.

Camden, N. J.—*Federal St.*, below P. R. R., one-st'y frame coal shed; owner, John Corbett.

BUILDING INTELLIGENCE.

Chicago, Ill. — Chicago and Northern Pacific Railroad, two-st'y passenger depot, 507-509 Homan Ave.; cost, $3,000.

F. W. Green and A. J. Mather, iron and steel observatory tower, 217-223 Sixty-fifth Terrace; cost, $50,000.

New York, N. Y. — *Pier No.* 67, foot of Thirty-seventh St., one and two-st'y iron freight storehouse, peak, tin roof; cost, $40,000; owner, City of New York; lessees, Pennsylvania Railroad Co., Newark, N. J.; architect, Charles D. Halsey, Assistant Engineer, Newark, N. J.

Philadelphia, Pa. — *Church St.*, n s, e Josephine St., one-st'y brick dye house; builder, R. C. Winnals & Bro., 1628 Margaretta St.

Reading, Pa. — Plans are being prepared for a four-st'y brick building; for the Young Men's Christian Association.

St. Louis, Mo.—One-st'y brick car shed; cost, $10,000; owner, St. Louis and Surburban Railroad; contractors, Givens & Steintiff.

One-st'y brick boiler house; cost, $4,500; owner, St. Louis Brewery Association; contractor, J. Schenck.

Worcester, Mass. — *Winona St.*, two-st'y shop; owner, H. H. Bigelow; contractors, Ward & Blanding.

PROPOSALS.

Treasury Department, Office of the Supervising Architect, Washington, D. C., October 12, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 31st day of October, 1892, and opened immediately thereafter, for all the labor and materials required for roof sheathing, slate and copper work of roof, skylight, down and drain pipes, etc., for the United States Post-office, Court-house, etc., building at Troy, N. Y., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Troy, N. Y. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the

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Treasury Department, Office Supervising Architect, Washington, D. C., October 5, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 26th day of October, 1892, and opened immediately thereafter, for all the labor and materials required for the painting, polishing, decorative painting, including repairs to plastering for the United States Custom-house and Post-office building at Cincinnati, Ohio, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Custodian at Cincinnati, Ohio. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes, sealed and marked "Proposal for the Painting, Polishing and Decorative Painting, including Repairs to Plastering for the United States Custom-house and Post-office building at Cincinnati, Ohio," and addressed to W. J. EDBROOKE, Supervising Architect. 878

Treasury Department, Office Supervising Architect, Washington, D. C., October 7, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 1st day of November, 1892, and opened immediately thereafter, for all the labor and materials required for the trench excavation, foundations, basement and area walls, basement columns and first floor beams for the United States Court-house and Post-office building at Mankato, Minn., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Mankato, Minn. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Trench Excavation, Foundations, Basement and Area Walls, Basement Columns and First Floor Beams for the United States Court-house and Post-office building at Mankato, Minn.," and addressed to W. J. EDBROOKE, Supervising Architect. 878

Treasury Department, Office Supervising Architect, Washington, D. C., October 8, 1892. Sealed proposals will be received at this office until two o'clock P. M. on the 2d day of November, 1892, and opened immediately thereafter, for all the labor and materials required for the trench excavation, foundations, cut-stonework and brickwork, iron and wood floor, ceiling and roof construction, roof covering, etc., for the United States Court-house and Post-office building at Paris, Texas, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Paris, Texas. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Trench Excavation, Foundations, Cut-stonework and Brickwork, Iron and Wood Floor, Ceiling and Roof Construction, Roof Covering, etc., for the United States Court-house and Post-office building at Paris, Texas," and addressed to W. J. EDBROOKE, Supervising Architect. 878

Treasury Department, Office Supervising Architect, Washington, D. C., October 10, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 31st day of October, 1892, and opened immediately thereafter, for all the labor and materials required for the erection and completion of a stable at the United States Marine Hospital, Chelsea, Mass., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Superintendent at Chelsea, Mass. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to to reject any and all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Erection and Completion of a Stable at the United States Marine Hospital, Chelsea, Mass.," and addressed to W. J. EDBROOKE, Supervising Architect. 878

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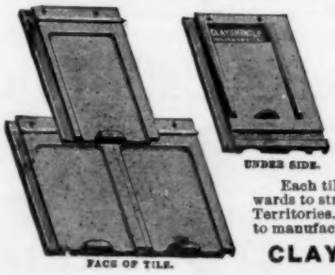

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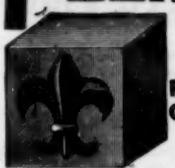

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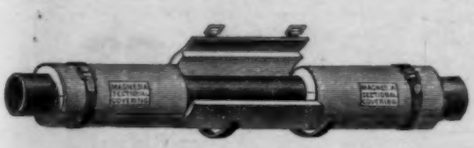

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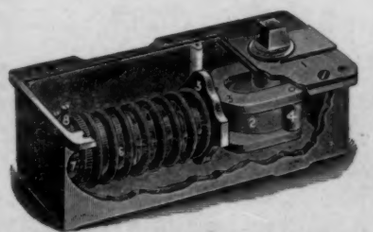

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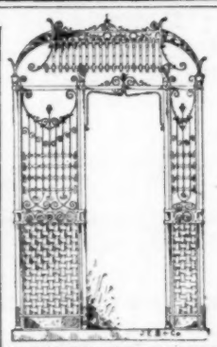

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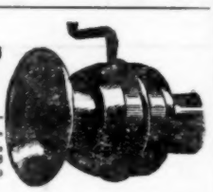

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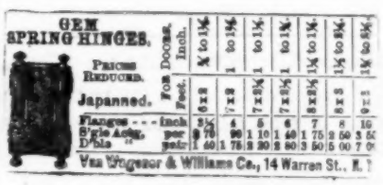

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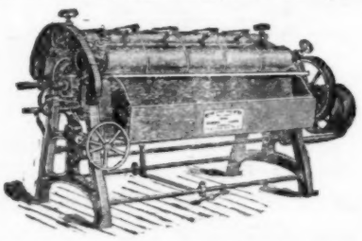

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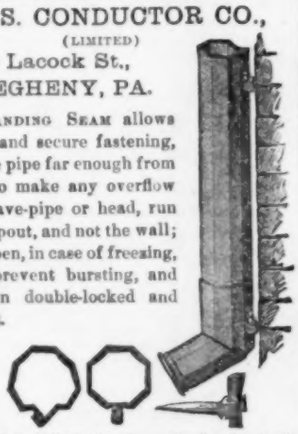

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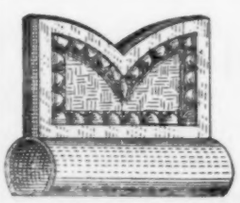

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Pine	@	38 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce	@	23 00 @ 38 00	*Not sold.*	*Not sold.*
Framing Timber:				
Pine			12 00 @ 15 00	25 00 @ 37 30
Spruce	14 00 @ 18 00	15 50 @ 18 00	*Not sold.*	16 00 @ 18 00
Hemlock	12 00 @ 16 00	13 00 @ 15 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine	18 00 @ 21 00	22 00 @ 35 00		22 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 50	2 10 @ 2 25	2 75 @ 3 00
Spruce	2 85 @ 3 00	2 35 @ 2 50	*Not sold.*	2 30 @ 3 00
Shingles:				
Pine, shaved ℔ M.	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ℔ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	
Cedar split ℔ M.	@	@	*Not sold.*	30″ $35 @ 40 / 24″ 8 @ 21
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	20″ 35 @ 14
Cypress. Split, 7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ℔ ft.	4½ @ 5½	Piles 6c. ℔ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ℔ M. (*First Qual.*				
Ash (*Kiln-dried.*)	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	90 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 48 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ℔ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ℔ M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	@ 42 00

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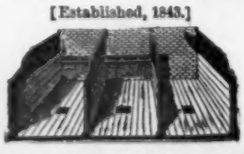

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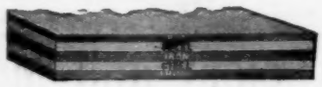

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BRICK.—₱ M.				In Yard.
Common: *Cargo afloat.*				
Pale	1 75 @ 2 00	Eastern 9 00 @ 10 00	Building Brick @ 6 50	Sq. Hard @ 9 00
Jersey	4 00 @ 4 75	Bay State Hard 7 00 @ 8 00		" @ 7 00
Long Island	@			Salmon @ 5 00
Up River	4 00 @ 4 75	Domestic Com. 9 50 @ 10 00	Indiana Pressed 14 00 @ 20 00	Sq. " @ 9 00
Haverstraw Bay 2d	4 75 @ 5 00			Light Stretchers @ 10 00
" 1st	5 00 @ 5 25	Domestic Face 20 00 @ 22 00	St. Louis Fronts @ 27 00	Medium " @ 12 00
Hollow	@ 13 00			Red " @ 13 00
Fronts:		Philadelphia 40 00 @ 45 00		Dark " @ 13 00
Croton, Brown	@ 13 00	Phila. mould 50 00 @ 80 00	18 00 @ 27 00	Pressed 18 00 @ 20 00
" dark	@ 14 00		65 00 @ 350 00	Best Paving @ 14 00
" red	@ 14 00	Anderson 14 00 @ 32 00	@ 55 00	Second " @ 13 00
Chicago pressed (Anderson)			45 00 @ 50 00	Third " @ 12 00
" Moulded			45 00 @	
Baltimore	37 00 @ 41 00		25 00 @	
Philadelphia	23 00 @ 24 00		60 00 @ 100 00	
Trenton	22 00 @ 23 00		30 @	Dom. @ 65
Milwaukee			35 @	@ 85
Moulded:			55 00 @ 65 00	
Glens Falls Red Pressed	@ 37 00			
" " Buff "	@ 30 00		@ 100 00	
" " Moulded Red & Buff	45 00 @ 70 00		@ 120 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 115 00			
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	85 @ 95	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	1 75 @ 2 00	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 60	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 85	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 95	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 82	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush.*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	21 @ 25	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine	@	10 50 per ton	@ 1 00	₱ Perch @ 4 50

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Foundation:				
Dimension		5 00 ℔ ton.	20	5 00
Block		4 50 ℔ perch.		Conshocken
Rubble		1 25 @ 1 50	3 50	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90		95 @ 11
Kibbe	@ 90	90 @ 1 10		
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	55 @ 1 00
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90		1 00 @ 1 00
Caen		@ 2 00		1 25 @ 1 00
Carlisle. English	@ 1 05	@ 1 05		95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05		@
Marble: (℔ *cu. ft.*)			*Not Sold.*	
Lee, Mass		1 75 @ 2 50	3 50 @ 6 00	2 00 @ 2 50
Rutland, white and blue		@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	*Not Sold.*	1 70 @ 3 00
Glens Falls, black			@ 4 40	4 00 @ 4 50
Italian, blue-veined			*Not Sold.*	2 50 @ 2 75
" Sienna			@ 4 40	@ 5 00
Tennessee, red			@ 4 40	4 00 @ 6 00
" Knoxville			*Not Sold.*	3 00 @ 4 00
Pennsylvania, blue			3 50 @ 6 00	2 00 @ 3 00
Vermont, white				2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	50 @ 10 25
" black, Lehigh	4 25 @ 4 75		6 25 @ 6 85	225 @ 4 00
" " Chapmans	@		7 30 @ 8 00	00 @ 4 65
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ...℔ M	@		*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7 @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	70 @ 5 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	55 @ 62	44 @ 45	57 @ 60	@ 60
" " boiled. (℔ gal.)	58 @ 65	47 @ 48	60 @ 63	@ 63
Turpentine (℔ gal.)	36 @ 37	@ 36	51 @ 51	@ 44
Varnish, coach (℔ gal.)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac (℔ gal.)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty (dry)	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (dry)	75 @ 1 00	1 @ 1½	1 @ 1½	1 @ 1
Paris white, (Eng.) (dry)	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am (dry)	5½ @ 6	7 @ 7½	6½ @ 7	@ 7½
Sienna (burnt) (dry)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber " (dry)	14 @ 20	@ 36	2 @ 16	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 10	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 40	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per ℔ 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask
Butts: 4″ x 4″ ...(℔ doz. pairs.)	@ 1 00	@ 1 20	@ 90	2 90 (all kinds.) @ 90
Plain	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Japanned	@ 1 50	@ 1 90	2 00 @ 2 75	1 35 @ 2 75
Acorn, Japanned	@ 65	@ 50	*Not Sold.*	48 @ 50
Ball Tip, Boston Finish ...(℔ pair.)	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Bronze metal	@ 10	@ 10	@ 12	@ 1 00
Brass (for cupboards.)	@	@	@	@ 35
Ebony	@	@	@	37 @ 1 00
Apple wood				
Knobs: (℔ *set.*)	@ 8	@ 8	8 @ 10	@ 08
Mineral, best	@ 50	@ 75	65 @ 80	*Not Sold.*
Lava	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Hemacite	@ 30	@ 10	25 @ 30	@ 25
Porcelain	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, solid	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Glass, silvered	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	@	@	13 @ 16	13½ @ 16
Solder:	@	@ 7½	@ 7	@ 6½
Sheet Lead	@	@ 6½	@ 6½	6 @ 6
Lead Pipe				
Iron:	3 3-10 @ 3½	@ 3 4-10	@	@ 2 8-10
I-Beams, up to and including 36 ft.	@	@	3 20 @ 3 70	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@ 4-10	3 20 @ 3 70	@ 2 8-10
Channel Beams	3 3-10 @ 3½			

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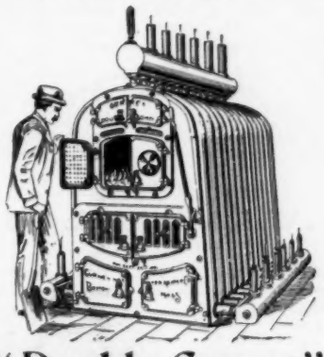

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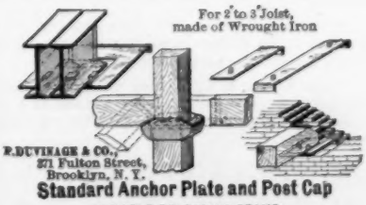

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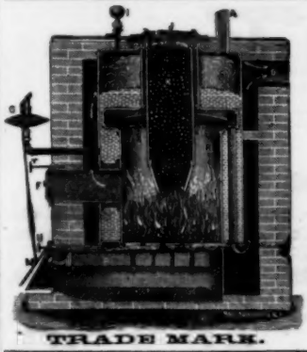

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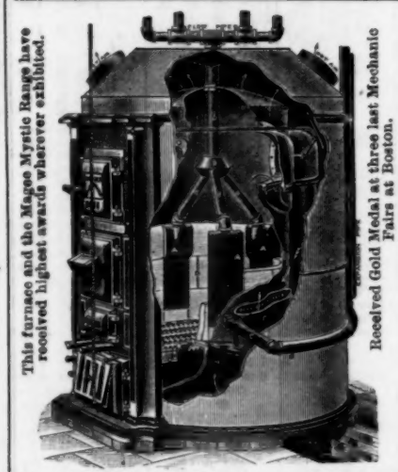

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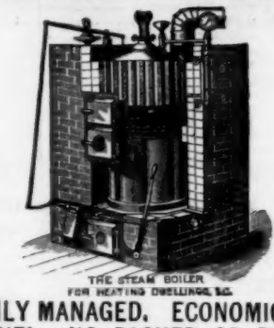

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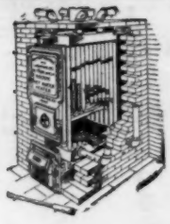

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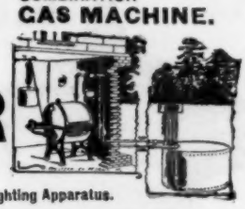

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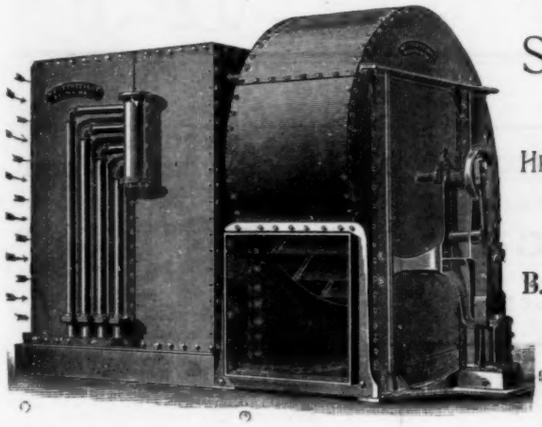

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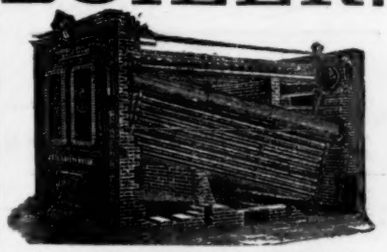

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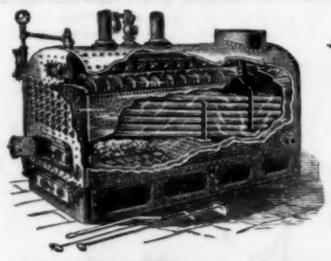

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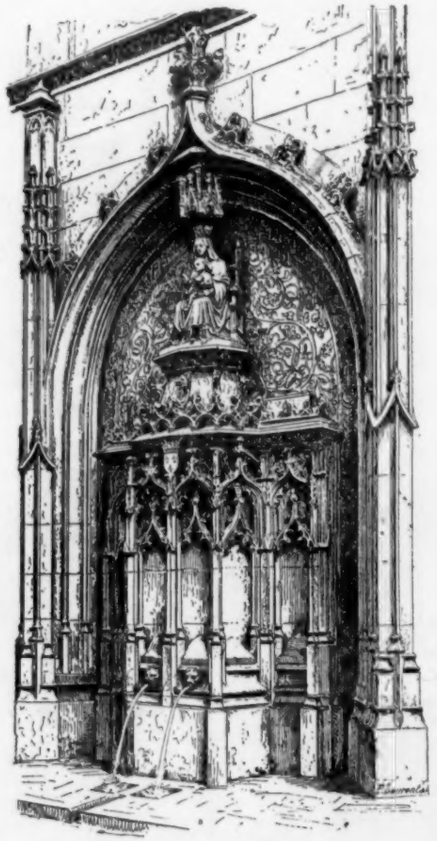

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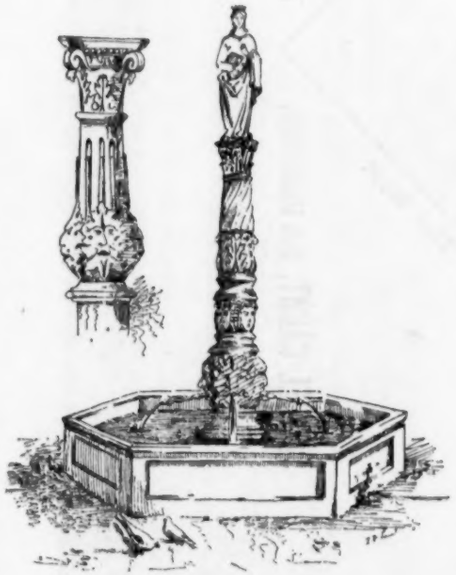

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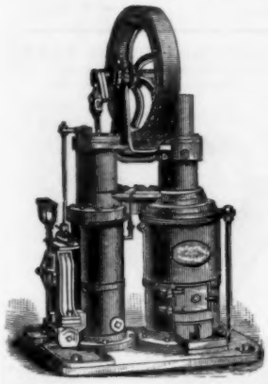

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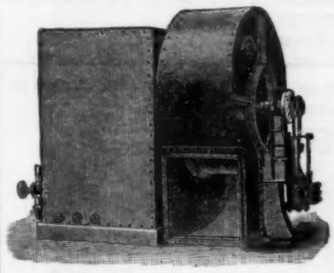

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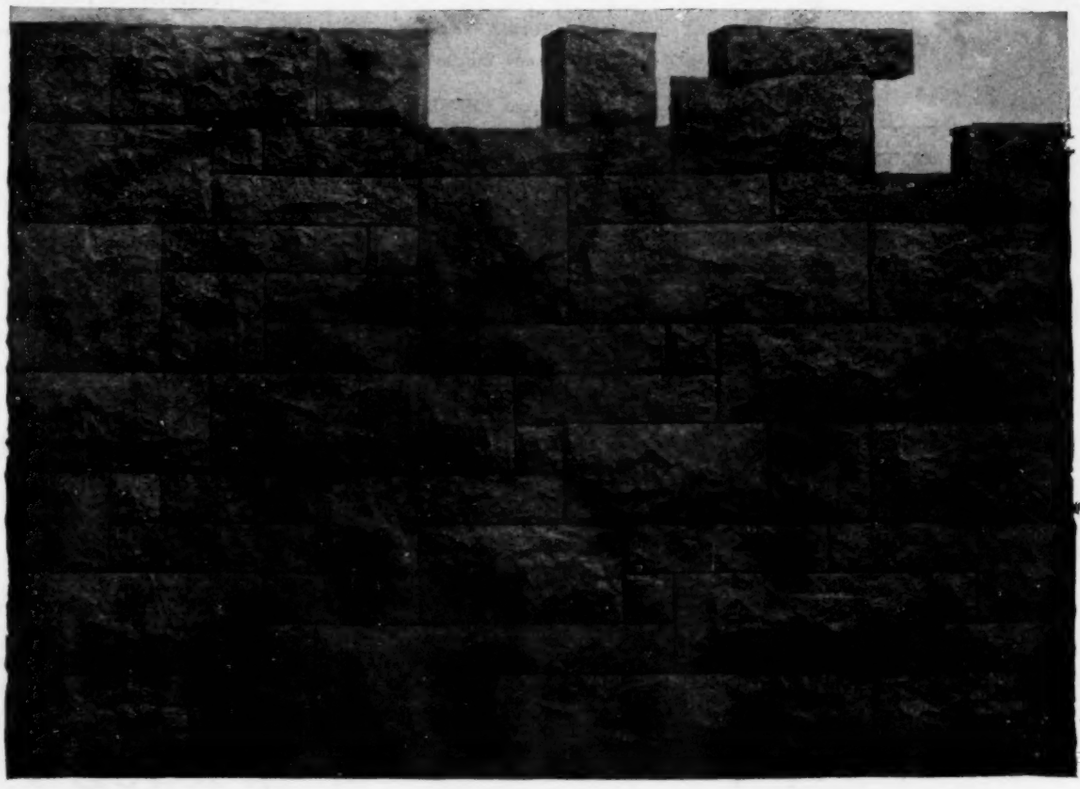

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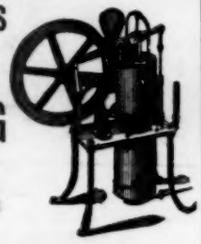

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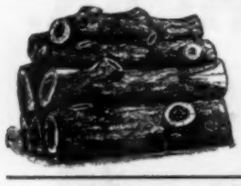

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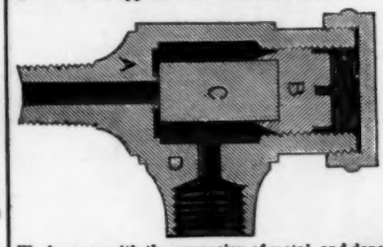

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From Bremen.—Ship "*Friedlander*," 300 casks cement, Otto Gerdau. Steamer "*Gardenia*," 3,024 casks cement, 1,500 barrels do., order.

From Colon.—Steamer "*Colombia*," 20 logs mahogany, Eggers & Heinlein. Steamer "*City of Para*," 50 logs mahogany, Eggers & Heinlein.

From Costa Rica, West Coast.—Bark "*Herbert Black*," 122,148 feet cedar, Pomares & Cushman.

(Continued on page xv.)

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From Havana. — Steamer "*Panama*," 100 bags asphalt, H. W. Peabody.

From Hull. — Steamer "*Marengo*," 1,500 casks cement, Emil Kauter.

From Leghorn. — Steamer "*India*," 406 marble slabs, 23 blocks do., Pells & Co.; 20 do., G. Amsinck & Co.; 1 do., Taber & Co.; 496 marble slabs, 1 block do., order. Steamer "*Assyria*," 14 blocks marble, Lazard Freres; 22 do., G. Amsinck & Co.

From Liverpool. — Steamer "*Cerfic*," 4 logs birch, C. A. Haynes.

From London. — Steamer "*America*," 8 logs wood, Willard Hawes & Co.; 3 do. mahogany, W. L. Marshall; 1,050 casks cement, order. Bark "*Hamburg*," 2,000 casks cement, C. J. Stevens; 1,100 do., E. Thiele; 1,000 do., Bank of British North America. Steamer "*Massachusetts*," 4 logs birch, H. L. Marshall; 1,750 casks cement, 1 log wood, order. Steamer "*Europe*," 1,000 barrels cement, C. J. Stevens; 2,501 casks do., order.

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From Windsor, N. S. — Schooner "*Gypsum Princess*," 1,140 tons plaster, J. F. Whitney & Co. Schooner "*Harry*," 813 tons lump plaster, Wotherspoon & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

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Camden, N. J. — *William St.*, s e cor. Clinton St., alteration to dwell.; owner, Dr. A. E. Street.

Chicago, Ill. — Board of Education, three-st'y addition to school-house, Seventieth and Sangamon Sts.; cost, $20,000.

William Sliff, one-st'y addition, 174-176 East Chicago Ave.; cost, $4,000.

P. F. Gillespie, nine-st'y addition, 70-72 Third Ave. and 331-335 Dearborn St.; cost, $155,000.

BUILDING INTELLIGENCE.

Philadelphia, Pa. — *Twenty-second St.*, e s, s Ontario St., two-st'y addition to school-house; builder, M. McManus, 1416 Tioga St.

Chestnut St., No. 916, alterations to four-st'y building for the Philadelphia Optical Co.

Broad and Cherry Sts., alterations to Cyclorama Building; architect and builder, George W. Plowman, 1406] Chestnut St.

Tenth St., s e cor. Filbert St., alterations and additions to building; architect, M. Fielding, 110 South Fourth St.

Ninth St., above Chestnut St., alterations and additions to store; architect, M. Fielding, 110 South Fourth St.

Rockland, Mass.— Alteration to frame dwell. from one-st'y, French roof, to two-and-one-half-st'y, hip roof; owner, A. W. Perry; contract to be let; architect, S. S. Woodcock, Boston.

St. Louis, Mo.—Two-and-one-half-st'y brick addition to store and dwell.; cost, $3,000; owner, Mrs. Popinwell; contractor, H. Schulte.

Two-st'y brick addition to factory and warehouse; cost, $3,500; owner, J. G. Geiger; contract, sub-let.

Worcester, Mass. — *Pleasant St.*, two-st'y frame addition; owner, W. E. Alger; architect, A. P. Cutting; day work.

Elm St., one-st'y brick and stone addition; owner, C. S. Turner; contractor, H. W. Eddy; architect, A. P. Cutting.

Ash St., one-st'y brick addition; owner, M. W. Epstein; contractors, Hout & Broulette; architects, Earle & Fisher.

APARTMENT-HOUSES.

Boston, Mass. — *Dudley St., Nos.* 626-628, Ward 20, 2 four-st'y brick apartments, flat roofs, 25' x 50.6'; owner, Louise J. Fonner; builder, L. J. Fonner.

Chicago, Ill. — W. J. Lavery, 2 two-st'y flats, 6549-6551 Evans Ave.; cost, $6,000.

A. D. O'Neill, 3 three-st'y flats, 32-34 Park Ave.; cost, $10,000.

J. M. Lydiard, two-st'y flats, 331 Lincoln Ave.; cost, $3,200.

John Jobst, three-st'y flats, 623 Larrabee St.; cost, $4,000.

H. H. Stragker, two-st'y flats, 1384 Monroe St.; cost, $3,700.

Andrew Sorenson, 2 two-st'y flats, 957-959 Washtenaw Ave.; cost, $3,000.

Mrs. L. Danielson, three-st'y flats, 208 Morgan St.; cost, $3,500.

T. H. Astello, three-st'y flats, 6437 Wright St.; cost, $8,000.

N. P. Cummings, 4 three-st'y flats, 560-568 Fiftieth St.; cost, $34,000.

Julius Rotcak, three-st'y flats, 5639 Wabash Ave.; cost, $6,000.

George P. Nipp, 5 three-st'y flats, 4739-4745 Evans Ave.; cost, $35,000.

Hanna Anderson, four-st'y flats, 1842 Reta St.; cost, $6,000.

Mary Flons, two-st'y flats, 6142 Ada St.; cost, $3,500.

Jacob Giracek, three-st'y flats, 466 Potomac St.; cost, $4,500.

John Anderson, three-st'y flats, 101 West Thirty-first St.; cost, $7,000.

F. Burchard, seven-st'y flats, 30 North California Ave.; cost, $5,000.

C. N. Brown, 3 two-st'y flats, 1569-1573 Fulton St.; cost, $15,000.

Mrs. A. C. Wilson, two-st'y flats, 1214 Lill Ave.; cost, $3,000.

Frank Thielman, three-st'y flats, 18 Sydney Ct.; cost, $6,000.

William Rothchild, 8 four-st'y flats, 4050-4056 Indiana Ave. and 621-627 Forty-first St.; cost, $140,000.

M. E. Misch, two-st'y flats, 6616 Farwell Ave.; cost, $3,000.

M. C. Paine, four-st'y flats, 6324-6326 Stony Island Ave.; cost, $50,000.

Gordon Valentine, four-st'y flats, 6320-6322 Stony Island Ave.; cost, $60,000.

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C. McEvoy, two-st'y flats, 52 Racine Ave.; cost, $3,300.

C. F. Mitchell, 2 three-st'y flats, 4311-4313 Calumet Ave.; cost, $16,000.

Mary J. Binder, two-st'y flats, 3332 Emerald Ave.; cost, $4,000.

H. J. N. Moeller, two-st'y flats, 309 Sheffield Ave.; cost, $4,000.

S. A. Wood, two-st'y flats, 463 Claremont Ave.; cost, $3,000.

E. J. Muldoon, three-st'y flats, 3739 Broom St.; cost, $6,000.

Mrs. B. Litus, three-st'y flats, 255-255½ Campbell Ave.; cost, $7,500.

Tribleeock & Penhalligan, 2 three-st'y flats, 6918 Dickey St.; cost, $7,000.

Mrs. Mary Ebert, two-st'y flats, 1043 George St.; cost, $3,000.

James Ingram, seven-st'y apartment-house, 2122-2124 Michigan Ave.; cost, $100,000.

Christian Clausson, two-st'y flats, 638 Rockwell St.; cost, $4,300.

Mrs. W. Cody, two-st'y flats, 356 Park Ave.; cost, $3,500.

C. W. Collender, two-st'y flats, 337 Leland St.; cost, $3,000.

August Schmidt, two-st'y flats, 6637 Maryland Ave.; cost, $3,500.

John C. Nelson, two-st'y flats, 6453 Wharton St.; cost, $5,000.

Thomas Reidy, three-st'y flats, 1534 West Harrison St.; cost, $5,000.

John Brown, two-st'y flats, 886 Walnut St.; cost, $4,000

P. E. Jenks, two-st'y flats, 1246 West Twenty-second St.; cost, $5,000.

O. P. Ahlstrom, two-st'y flats, 6217 Center Ave.; cost, $4,000.

W. M. Bernard, three-st'y flats, 9002 Cottage Grove Ave.; cost, $3,000.

John Shea, three-st'y flats, 5330 Wabash Ave.; cost, $6,000.

W. K. Gore, 2 three-st'y flats, 5817-5819 Indiana Ave.; cost, $9,000.

John Alloway, 2 three-st'y flats, 1110-1112 Fifty-ninth St.; cost, $10,000.

Edward Holy, two-st'y flats, 651 South May St.; cost, $4,000.

Mary Watt, three-st'y flats, 2821 Paulina St.; cost, $7,000.

E. Greenberg, two-st'y flats, 1340 Jackson St.; cost, $4,500.

BUILDING INTELLIGENCE.

Carl A. Lothgren, two flats and barn, 1214 Sixty-first St.; cost, $3,500.

Cincinnati, O.—John Zumstein, three-st'y brick and stone flats, Plum St.; cost, $6,000; architect, G. W. Drach.

CHURCHES.

Camden, N. J.—Estimates are being received on the plans for the North Church by Architect Thos. P. Lonsdale, Manhattan Life Building, Philadelphia.

Worcester, Mass.—*Russell St.*, one-and-one-half-st'y frame church; owner, Park Congregational Church Society; contractor, J. A. Brigham; architects, Earle & Fisher.

FACTORIES.

Brooklyn, N. Y.—*Quay St.*, s s, 45' w Franklin St., three-st'y brick factory, gravel roof; cost, $4,800; owner, W. E. Ward, 96 Quay St.; architect, F. Weber, 209 Manhattan Ave.

Chicago, Ill.—Adam Schaef, three-st'y factory, 400 West Monroe St.; cost, $24,000.

Cincinnati, O.—A. M. Kniker, five-st'y brick and stone factory, Eighth St.; cost, $3,500; architects, G. & A. Brink.

Philadelphia, Pa.—*Duncan St.*, n s, w Bermuda St., two-st'y brick factory; builder, Robert Kline, Torresdale and Comley Sts.

Ohio St., n s, e Twelfth St., four-st'y brick factory; builder, George L. Harvey, 1608 Spruce St.

Girard Ave., s s, w Sixty-first St., one-st'y brick factory; owner, Judson Kerr, Sixty-first St. and Girard Ave.

St. Louis, Mo.—Two-st'y brick dwell.; cost, $8,000; owner, American Mineral Co.; contractors, Wm. Riewe & Son.

HOSPITALS.

Chicago, Ill.—Hahnemann Hospital, hospital, 2811-2815 Cottage Grove Ave.; cost, $72,000.

HOTELS.

Chicago, Ill.—T. C. Collins, three-st'y hotel, 1368 Warren Ave.; cost, $25,000.

J. E. Miller, two-st'y hotel, Seventy-ninth St. and Duncan Ave.; cost, $10,000.

HOUSES.

Arlington, Mass.—*New St.*, frame dwell., 31' x 41'; owner, R. B. Henderson; builder, James Baston; architect, S. S. Woodcock, Boston.

BUILDING INTELLIGENCE.

Baltimore, Md.—Edward J. Gallagher, 11 three-st'y brick buildings, n s Baltimore St., beg. n e cor. Cannon St.; 6 two-st'y brick buildings, e s Cannon St., n Baltimore St.; and 6 two-st'y brick buildings, w s Rose St., bet. Fairmount Ave. and Baltimore St.

Baxter & Evans, three-st'y brick building, Linden Ave., near Dolphin St.

R. M. Chambers, 24 two-st'y brick buildings, w s Charles St., bet. Donaldson and McComa St.

Frank Herbert, 6 two-st'y brick buildings, e s Duncan Pl., s Monument St.; and 7 two-st'y brick buildings, w s Collington St., s Monument St.

John Heaver, 17 three-st'y brick buildings, w s Guilford Ave., n Fourth St.; and 4 three-st'y brick buildings, n s Fourth St., w Guilford Ave.

Boston, Mass.—*Washington St., Nos.* 1918-1922, Ward 20, 2 four-st'y brick dwells., flat roofs, 23.6' x 42'; owner, A. E. French; builder, M. A. Parsons.

Moore St., near Homer St., Ward 1, two frame dwells., flat roofs, 21' x 31'; owner, Mary Ann Martin; builder, J. G. Martin.

Monroe St., near Humboldt Ave., Ward 21, three-st'y frame dwell., pitch roof, 26' x 56'; owner, Jos. Spang; builder, C. Lemmler.

Upland Ave., near Melville Ave., Ward 24, three-st'y frame dwell., hip roof, 33' x 40'; owner, Miss E. Gougle; builders, Gould Bros.

Elm St., near Ashland St., Ward 24, three-st'y frame dwell., flat roof, 24' x 44'; owner, Mrs. F. D. Silva; builder, M. Silva.

Hall St., near South St., Ward 23, 2 three-st'y frame dwells., flat roofs, 21.6' x 43'; owner and builder, B. J. French.

Howard Pl., near Howard Ave., Ward 20, frame dwell., 24' x 46'; owner and builder, C. Boultenhouse.

Keith Ave., opp. Perham St., Ward 23, frame dwell., 25' x 37'; owners, Mt. Vernon Land Co.; builders, Maguire & Twohey.

Park St., cor. Vinson St., Ward 24, frame dwell., hip roof, 36' x 36'; owner, Albert L. Jewell.

Southwood St., No. 21, Ward 21, three-st'y frame dwell., pitch roof, 24' x 53'; owner and builder, W. Donaldson.

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Guernsey St., near South St., Ward 23, frame dwell., 22′ x 38′; owner, G. W. Getchell; builder, W. Chappelle.

Park St., near Murch Ave., Ward 23, frame dwell., 29′ x 48.2′; owner, Mary D. Blackington; builder, W. S. Mitchell.

Chelsea St., near Brooks St., Ward 1, three-st'y frame dwell., flat roof, 21.6′ x 34′; owner and builder, J. H. Delaney.

Wheeler St., No. 31, Ward 16, three-st'y frame dwell., flat roof, 20′ x 46′; owner and builder, G. W. Pope.

Harlow St., near Howard Ave., Ward 20, three-st'y frame dwell., flat roof, 21′ x 50′; owners, B. F. and W. B. Wallis; builder, W. B. Wallis.

Ashfield St., near Fairview St., Ward 23, frame dwell., 25.6′ x 36′; owner, Frank Skelton; builder, John Purdy.

Brooks Pl., off Dudley St., Ward 20, three-st'y frame dwell., flat roof, 19′ x 30′; owner and builder, G. W. Bartlett.

Dudley Ave., near Metcalf St., Ward 23, frame dwell., 22′ x 40′; owner, F. W. Brewer; builder, Frank Haney.

Falcon St., near Putnam St., Ward 1, three-st'y frame dwell., flat roof, 21′ x 56.6′; owner and builder, Albion Johnson.

Aldrich St., cor. Brandon St., Ward 23, frame dwell., 20′ x 28′; owner, Ernest Celler; builder, J. W. Priesing.

Centre St., near Paul Gore St., Ward 23, frame dwell., 27′ x 52′; owner, T. O'Leary; builder, J. P. Campbell.

School St., cor. Amory St., Ward 23, two frame dwells., 27′ x 52′; owner, R. S. Barrows; builder, J. P. Campell.

Lauriat Ave., near Lyons St., Ward 24, frame dwell., 23′ x 40′; owner and builder, F. J. Rockwell.

Sydney Pl., near Waterlow St., Ward 24, frame dwell., 25′ x 32′; owner and builder, W. A. Davidson.

Bertram St., cor. Neponset Ave, Ward 24, frame dwell., hip roof, 23′ x 40′, owner, Wellington Smith; builder, J. H. Allen.

Vernon St., Nos. 196-198, *rear*, Ward 19, 3 three-st'y frame dwells. and stores, flat roofs, 22′ x 34 and 19.6′ x 39′; owner, G. W. Kenney; builder, Charles Lemmler.

Falcon St., near Putnam St., Ward 19, three-st'y frame dwell., flat roof, 21′ x 56.6′; owner, Albion Johnson; builder, Hebron Johnson.

Hartford St., cor. Cooper Ave., Ward 20, frame dwell., 15′ x 52′; owner and builder, A. P. Clifford.

Lawrence Ave., No. 52, Ward 24, frame dwell., hip roof, 28′ x 41.6′; owner, W. Phipps; builder, E. M. Chapman.

Rowena St., No. 22, Ward 24, frame dwell., 27′ x 40′; owner and builder, J. W. Nisbet.

Brookline, Mass.—*Aspinwall Hill*, frame dwell., 34′ x 48′; owner, Carrie K. Slocum; contract to be let; architects, Loring & Phipps, Boston.

Brooklyn, N. Y.—*Forty-second St.*, n s, 180′ w Fourth Ave., 2 three-st'y frame dwells., tin roofs; cost, $3,000 each; owner, P. M. Maguire, 922 Pacific St.; architect, P. M. Cassidy, 371 Fulton St.

Eagle St., n s, 275′ w Manhattan Ave., three-st'y frame dwell., tin roof; cost, $4,000; owner and builder, Jacob Loudwich, next premises; architect, H. Vollweiler, 483 Hart St.

Park Place, s s, 103′ 8″ w Utica Ave., 4 two-st'y frame dwells., tin roofs; cost, $7,500; owner and builder, Theron A. Upson, 189 Hooper St.; architect, Benj. Finkensiefer, 93 Broadway.

Forty-second St., n s, 100′ e Third Ave., 14 two-st'y frame dwells., tin roofs; cost, $1,500 each; owner, Angelo Cicho, 2265 Pacific St.; architect, H. R. Asserson, 15 Flushing Ave.

Stockholm St., s s, 100′ e Knickerbocker Ave., 3 three-st'y frame dwells., tin roofs; cost, $4,500 each; owner, C. A. Keppler, 197 Knickerbocker Ave.; architect, Chas. Infanger, 126 Van Sicien Ave.

Luquecr St., s s, 100′ e Columbia St., three-st'y brick dwell., tin roof; cost, $7,000; owner, Mrs. O'Neill, Fifty-third St. and Third Ave.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.; builders, Gibbons & Son, Columbia St.

Palmetto St., s s, 300′ e Central Ave., three-st'y frame dwell., tin roof; cost, $5,000; owner and architect, A. H. Coulter, 519 Gates Ave.

Forty-second St., s s, 240′ w Fourth Ave., three-st'y frame dwell., tin roof; cost, $3,000; owner, Mrs. Fitzgerald, Third Ave. and Fifty-third St.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Sutter Ave., n s, 25′ w Jerome St., 4 two-st'y frame dwells., tin roofs; cost, $1,500 each; owner, Fred Eiermann, 268 Schenck Ave.

Schaffer St., n s, 100′ w Evergreen Ave., 8 two-st'y frame dwells., tin roofs; cost, $2,800 each; owner and builder, C. W. Raymond, 93 Covert St.

Forty-seventh St., s s, 200′ w Fifth Ave., 2 two-st'y frame dwells., tin roofs; cost, $3,000 each; owner, John Winslow, Fifty-third St. and Third Ave.; architects, H. L. Spicer & Son, Fifty-third St. and Third Ave.

New York Ave., n w cor. Dean St., 5 three-st'y brick dwells., tin roofs; cost, $14,000 each; owner and builder, John A. Bliss, St. Marks Ave., cor. Kingston Ave.; architect, Albert E. White, 445 First St.

Carroll St., n s, 514′ 8″ e Eighth Ave., 3 three-st'y brick dwells., tin and tile roofs; cost, $5,000 each; owners and builders, Allan Bros. & Co., Arbuckle Building; architect, S. M. Holden, Arbuckle Building.

Flushing Ave., s s, 150′ w Nostrand Ave., three-st'y brick dwell. and horse-shoeing shop, tin roof; cost, $8,000; owner, Hermann Seidels, 532 Flushing Ave.; architect, Frank Holmberg, 1169 Broadway.

Fifty-fourth St., s s, 180′ w Fifth Ave., 2 two-st'y brick dwells., tin roofs; cost, $4,000 each; owner and architect, P. F. Emmett.

Quincy St., s s, 200′ w Sumner Ave., three-st'y brick dwell., gravel roof; cost, $5,000; owner, W. G. Thompson, 512 Quincy St.; architect, C. D. Thompson, 512 Quincy St.

Belmont Ave., s s, 20′ w Montauk Ave., 4 two-st'y frame dwells., tin roofs; total cost, $9,500; owner and builder, Donald Laing, Belmont and Atkins Aves.

Jewel St., w s, 170′ s Norman Ave., three-st'y frame dwell., gravel roof; cost, $4,000; owner and builder, W. W. Hadley, 168 Diamond St.; architect, F. Weber, 209 Manhattan Ave.

Ninth St., s s, 97′ 7½″ w Ninth Ave., 7 three-st'y brick dwells., tin roofs; cost, $105,000; owner and builder, Julius H. Craw, 287 Halsey St.; architect, John L. Young, 287 Halsey St.

Central Ave., w s, 20′ n Halsey St., 8 three-st'y frame dwells., tin roofs; cost, $3,000 each; owner, architect and builder, Charles D. Hommel, 41 Woodhull St.

Ralph St., s s, 450′ w Central Ave., 4 three-st'y frame dwells., tin roofs; cost, $3,500 each; owner and architect, Robert B. Miller, 37 Cornelia St.

Putnam Ave., s s, 190′ w Lewis Ave., 4 two-and-one-half-st'y brick dwells., tin roofs; cost, $5,000 each; owner and builder, Wm. Gibson, 939 Lafayette Ave.; architects, I. D. Reynolds & Son, 363 Fulton St.

Halsey St., s s, 280′ e Central Ave., 5 two-st'y frame dwells., tin roofs; cost, $3,000; owner, architect and builder, Mr. Francisco, 236 Woodbine St.

Twenty-seventh St., n s, 108′ w Fourth Ave., 4 four-st'y brick dwells., tin roofs; cost, $3,000 each; owner, M. Dalton, Twenty-seventh St., near Fourth Ave.

Camden, N. J.—*Woodland St., No.* 904, two-st'y frame dwell.; owner, Robert Glour.

Tenth St., s s, above Ferry Ave., two-st'y frame dwell.; owner, Isadore Green.

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BUILDING INTELLIGENCE.

Chestnut Hill, Mass.—*Circuit Road*, frame dwell., 35′ x 40′; owner, George W. Elliott; builder, John H. Kellar; architects, Loring & Phipps, Boston.

Chicago, Ill.—John Lewis, 3 two-st'y dwells., 4140 Ellis Ave.; cost, $12,000.

Charles Reitz, three-st'y dwell., 383 Pine Grove Ave.; cost, $6,000.

C. A. Dickinson, 2 two-st'y dwells., 575 Fay St.; cost, $4,000.

N. Hill, two-st'y dwell., Selwyn Ave. and Willis St.; cost, $3,000.

R. E. Kimball, 2 two-st'y dwells., 12-16 Montana St.; cost, $6,000.

Charles Brinck, two-st'y dwell., 253 Centre Ave.; cost, $3,000.

A. Y. Loomis, 3 two-st'y dwells., 4317-3321 Forestville Ave.; cost, $7,000.

J. L. Laflin, three-st'y dwell., 5743 Lexington Ave.; cost, $12,000.

P. W. George, 2 two-st'y dwells., 7611-7613 Sherman St.; cost, $7,000.

H. R. Hobarts, three-st'y dwell., 5110 East End Ave.; cost, $8,000.

Richard Letsche, three-st'y dwell., 1940 Oakdale Ave.; cost, $9,000.

Henry Childs, 2 two-st'y dwells., 216-218 Warren Ave.; cost, $7,500.

William Fee, two-st'y dwell., 1068 Center St.; cost, $3,000.

A. Gilmore, two-st'y dwell., 217 Central Park Ave.; cost, $3,500.

Sam. Brown, Jr., two-st'y dwell., 3287 Walden St.; cost, $4,000.

C. W. Brooks, three-st'y dwell. and barn, 4619-4623 Drexel Boulevard; cost, $50,000.

Mrs. W. Steaning, two-st'y dwell., 7427 Coles Ave.; cost, $3,000.

E. B. Crause, two-st'y dwell., 53 St. James Pl.; cost, $5,000.

R. E. Kimbal, 3 two-st'y dwells., Seventy-seventh and Union Sts.; cost, $9,000.

G. W. L. Zeiger, three-st'y frame dwell., 1103 North Clark St.; cost, $15,000.

L. D. Robertson, four cottages, 335-341 South May St.; cost, $6,000.

C. B. Cockrell, two-st'y dwell., 208 Seventy-fourth St.; cost, $3,000.

Otto Korop, two-st'y dwell., 428 Troy St.; cost, $3,700.

Mrs. S. M. Burlingham, three-st'y dwell., 2969 Calumet Ave.; cost, $6,000.

Cincinnati, O. — John Oberhelman, two-and-one-half-st'y frame dwell., Oakland Ave.; cost, $4,600; architect, M. Fisher.

Charles L. Mills, 2 two-and-one-half-st'y frame dwells., Fairfield Ave.; cost, $5,000; architect, W. W. Franklin.

Edwin McBroney, owner and architect, two-and-one-half-st'y frame dwell., Considine St.; cost, $3,000.

Dr. E. B. Van Zant, one-st'y frame dwell. and two-st'y frame stable, Auburn Ave.; cost, $2,800; architects, Schoettlekoettle & Co.

Thos. Burke, two-and-one-half-st'y frame dwell., Falke St.; cost, $3,650; architects, Rieg & Marty.

Mrs. C. M. Cook, two-and-one-half-st'y brick and stone dwell., Myrtle Ave.; cost, $10,000; architect, W. W. Franklin.

Charles Naegelen, two-and-one-half-st'y brick and stone dwell., Shotwell St.; cost, $3,000; architect, M. Fisher.

Exeter, N. H. — Frame dwell., 28.6′ x 37.9′, with L 11′ x 12′, and stable; owner, Geo. F. Richards; contract to be let; architect, S. S. Woodcock, Boston.

New York, N. Y. — *Ninety-ninth St.*, s s, 350′ e Columbus Ave., three-st'y brick dwell., tin roof; cost, $9,000; owner, Martin C. Monaghan, 48 West Ninety-third St.; architects, Neville & Bagge, 250 West One Hundred and Twenty-fifth St.

Seventy-seventh St., s s, 275′ w Eighth Ave., 2 four-st'y brick dwells., mansard roofs; cost, $45,000; owner, A. E. Putnam, Spuyten Duyvil; architect, Montrose W. Morris, 45-47 Exchange Pl.

One Hundred and Thirty-sixth St., s s, 225′ w Lennox Ave., 5 three-st'y brick dwells., tin roofs; cost, $45,000; owner, Robert J. Blake, 623 Columbus Ave.; architect, J. Averill Webster, 217 West One Hundred and Twenty-fifth St.

One Hundred and Fifty-first St., s s, 450′ w Courtland Ave., three-st'y frame and brick dwell., tin roof; cost, $4,500; owner, George M. Gunther, 560 East One Hundred and Fifty-first St.; architect, M. J. Garvin, 3311 Third Ave.

Morris Ave., e s, 25′ n One Hundred and Sixtieth St., two-st'y brick and frame dwell., tin roof; cost, $5,250; owner, E. J. Durell, 511 East One Hundred and Sixty-second St.; architect, A. B. Frisbie, 721 One Hundred and Sixty-fourth St.

Nathalie Ave., w s, 250′ s Nindham Pl., two-st'y brick and frame dwell., tin roof; cost, $4,000; owner, Alfred E. Larkin, 345 West Forty-third St.; architect, C. E. Ahneman, Kingsbridge, N. Y.

Bathgate Ave., e s, 108′ s One Hundred and Seventy-eighth St., two-st'y brick and frame dwell., peak shingle and tin roof; cost, $4,200; owner, Martin Propezensky, 924 East One Hundred and Seventy-seventh St.; architect, Eugene T. Richards, 80 West One Hundred and Twenty-fourth St.

Jennings St., s s, 48′ s Bristow St., 2 three-st'y brick and frame dwells., peak slate roofs; cost, $8,000; owner, Samuel Burmeister, 532 East Eighty-third St.; architect, Marcus Nathan, Forty-third St. and Lexington Ave.

One Hundred and Seventy-third St., s s, 25′ e Eighth Ave., three-st'y stone and frame dwell., tin roof; cost, $5,300; owner, Mirochette Franchetti, 406 West Thirty-ninth St.; architect, J. J. Vreeland, 711½ East One Hundred and Seventy-seventh St.

Kingsbridge Ave. and Van Cortlear Pl., two-st'y brick and frame dwell., peak slate roof; cost, $6,400; owner, Richard Alexander, 141 East Fortieth St.; architect, John Brandt, 1491 Third Ave.

Philadelphia, Pa. — *Westmoreland St.*, s e cor. Amber St., two-st'y brick dwell.; builder, W. G. Barnes, 3384 Frankford Ave.

Volkmar St., s s, n Palmer St., seven brick dwells.; builder, W. R. Brown, 2145 Dickinson St.

Granbeck St., w s, n Indiana Ave., 8 two-st'y brick dwells.; owner, Jacob Marsch, Fifth St. and Rising Lane.

Richfield St., n s, e Seventh St., 14 two-st'y brick dwells.; owner, Arthur T. Wadsworth, 922 Cambria St.

Venango St., n s, e Ninth St., 2 two-st'y brick dwells.; builder, Job. Rutty, 517 Venango St.

Twenty-fourth St., e s, n from Parrish St., 24 three-st'y brick dwells.; owner, Jno. M. Sharp, 1936 South College Ave.

South Broad St., No. 1824, three-st'y brick dwell.; builder, J. M. B. Morrow, 1525 South Broad St.

Tasker St., s s, e Twenty-third St., 14 two-st'y brick dwells.; builder, Jas. H. Hamilton, 1402 Bainbridge St.

Fifteenth St., e s, n Fifteenth St., two-st'y brick dwell.; builder, Samuel Atkinson, 2924 Haas St.

Regent St., n s, w Forty-eighth St., 4 three-st'y brick dwells.; builder, Jas. D. Arthur, 223 Levant St.

Forty-eighth St., e s, w Chester Ave., three-st'y brick dwell.; builder, Jas. D. Arthur, 223 Levant St.

Lombard St., No. 6115, two-st'y brick dwell.; builders, Charles Smith & Son, 4215 Haverford St.

Dennie St., s s, w Germantown Ave., eight brick dwells.; builder, James Mole, 1718 Cayuga St.

Queen St., s s, w Wayne St., three-st'y brick dwell.; builder, J. O. Broadbent, 5016 Main St.

Mentor St., n s, s w A St., 4 two-st'y brick dwells.; builder, E. K. Welch, Wyoming Ave. and Fisher's Lane.

Queen St., No. 119, two-st'y brick dwell.; builder, M. D. Whartman, 48 Mechlin St.

Dickinson St., n s, w Twenty-first St., 6 two-st'y brick dwells.; builder, Thomas Johnston, 2037 Lingo St.

Twenty-second St., e s, s Huselman St., two-st'y brick dwell.; owner, George Regenbaik, 2546 South Twenty-eighth St.

Woodland Ave., w s, cor. Sixty-second St., two-st'y brick dwell.; builders, Subers & Brown, State Road and Washington Lane.

Yocum St., n s, w Seventy-first St., two-st'y brick dwell.; builder, Jno. A. Stauffer, Colwyn, Delaware Co.

Somerville, Mass. — *Winter Hill*, frame dwell., 25.6′ x 44.6′; owner, Robert Hopkins; contract to be let; architect, S. S. Woodcock, Boston.

Arlington St., near Lincoln St., frame dwell., 23.6′ x 24.3′; owner, Daniel A. Smith; builder, Corydon O. Stone.

Summer St., cor. Church St., frame dwell., 27′ x 35′; owner, Edward B. Morgan; builders, S. & C. H. Williams.

North St., near Broadway, frame dwell., 26′ x 48′; owner, James C. Kelsey; builders, Pynn & Eastman.

Atherton St., near Central St., frame dwell., 22′ x 40′; owner and builder, John G. Poingdester.

Spring St., cor. Pitman St., frame dwell., 24′ x 30′; owner, Patrick Keating; builder, John G. Poingdester.

Cypress St., near Central St., frame dwell., 22′ x 28′; owner and builder, John G. Poingdester.

Spring St., cor. Summer St., frame dwell., 36′ x 42′; owner, Frank E. Dickerman; contract to be let; architects, Loring & Phipps, Boston.

St. Louis, Mo. — Two-st'y brick dwell.; cost, $5,000; owner, Cath. Lorynetto; contractor, R. Shimmick.

Two-st'y brick dwell.; cost, A. Steinlage; contractors, Wamhoff & Kemmel.

Two-st'y brick dwell.; cost, $2,500; owner, R. Wendell; contractor, F. Arnold.

Two-st'y brick dwell.; cost, $2,800; owner, A. Hacket; contractor, F. Arnold.

Two-st'y brick dwell.; cost, $2,500; owner, J. Lottman; contractor, Chas. Frieling.

Two-st'y brick dwell.; cost, $2,500; owner, J. Eagler; contractors, James & Flavin.

Two-st'y brick dwell.; cost, $3,000; owner and contractor, J. H. Kuhners.

Two-st'y brick dwell.; cost, $4,200; owner, G. A. Taylor; contractor, Foster.

Two two-st'y brick dwells.; cost, $9,000; owner and contractor, M. A. Moran.

Two-st'y brick dwell.; cost, $3,000; owner, H. Kleimman; contractor, B. Wissler.

Two-st'y brick dwell.; cost, $4,000; owner, Mrs. E. Watke; contractor, J. Q. Reer.

Two-st'y brick dwell.; cost, $2,800; owner and contractor, Mary E. Kelly.

Two two-st'y brick dwells.; cost, $7,006; owners and contractors, Conliff Bros.

Two-st'y brick dwell.; cost, $4,000; owner, E. G. Remmers; contractor, J. H. Remmers.

Two-and-one-half-st'y brick dwell.; cost, $14,000; owner, Mrs. A. Taylor; contractor, S. L. Jones.

Two-st'y brick dwell.; cost, $21,000; owner, J. Fowler; contractors, Kelly & Lawton.

Two-st'y brick dwell.; cost, $3,000; owner and contractor, J. H. Kulmers.

Two-and-one-half-st'y brick dwell.; cost, $9,000; owner, J. B. Legg; contractors, Kelly & Lawton.

Two-st'y frame dwell.; cost, $6,555; owner, Mrs. E. L. Chase; contractor, F. Schwebe.

Stoneham, Mass.—Frame dwell., 30.6′ x 36′, with L 6.6′ x 16′; owner, F. R. Sweetser; architect, S. S. Woodcock, Boston.

West Roxbury, Mass. — Frame dwell., 36′ x 40′; owner, S. N. Dyer; contract to be let; architects, Loring & Phipps, Boston.

Worcester, Mass.—*Lyford St.*, one-and-one-half-st'y frame dwell.; owner and contractor, F. J. Goff.

Lyford St., one-and-one-half-st'y frame dwell.; owner, Earnest Cross; contractor, F. J. Goff.

Greendale Ave., one-and-one-half-st'y frame dwell.; owner, C. S. Dodge; architect, Geo. H. Clemence; contractor, F. J. Goff.

Lodi St., three-st'y frame dwell.; owner, P. Leddy; contractor, J. A. Gallagher.

Piedmont St., three-st'y frame dwell.; owner, Ella M. Hopkins; contractor, C. I. Warren.

East Kendall St., three-st'y frame dwell.; owner, F. A. Moran; contractors, Ward & Blanding.

Anna St., 2 one-and-one-half-st'y frame dwells.; owner, C. N. Chapin; contractors, Ward & Blanding.

Almont Ave., 2 one-and-one-half-st'y frame dwells.; owner, A. W. Preston; contractors, Ward & Blanding.

Locust Ave., one-and-one-half-st'y frame dwell.; owner, Chas. F. Allen; contractors, Ward & Blanding.

North Merrick St., three-st'y frame dwell.; owner and contractor, J. B. Tucker.

Gladstone St., 2 one-and-one-half-st'y frame dwells.; owner and contractor, P. H. Larkin.

Birch St., three-st'y frame dwell.; owner, F. H. Kendrick; day work.

OFFICE-BUILDINGS.

Detroit, Mich. — Rogers & McFarland, four-st'y brick office-building, 32 Adams Ave., West; cost, $28,000.

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BUILDING INTELLIGENCE.

PUBLIC BUILDINGS.

Brooklyn, N. Y. — *Twelfth St.*, n s, w Fifth Ave., one-st'y brick branch post-office, tar and gravel roof; cost, $4,500; owner, Thomas Bell, Parkville, L. I.; architect, Harold MeG. Davis, 26 Broad St., New York City.

New York, N. Y.— *First Ave.*, e s, 142′ 6″ n Twenty-sixth St., two-st'y brick building for Bellevue Hospital, peaked, slate roof; cost, $15,000; owner, City of New York, 66 Third Ave.; architects, Withers & Dickson, Bible House.

SCHOOL-HOUSES.

Chicago, Ill.—Board of Education, three-st'y school and boiler house, Lincoln Ave. and Moore Sts.

Board of Education, two-st'y school and boiler house, 2493 Paulina St.; cost, $6,000.

Board of Education, three-st'y school-house, one-st'y boiler-house, 6421-6441 Winter St.; cost, $60,000.

Greenville, Ala. — Two-st'y school-building; cost, about $13,500.

STABLES.

Boston, Mass. — *Richardson St., rear*, cor. Western Ave., Ward 25, one-st'y frame stable, pitch roof, 25′ x 30′; owner, J. J. Williams.

Cincinnati, O.—Jos. Streight, two-st'y frame stable, Reading Road; cost, $2,500; architect, E. Anderson.

Montgomery, Ala. —The city authorities will build a stable, to cost about $10,000.

New York, N. Y.—*Manhattan St.*, n s, 225′ e Twelfth Ave., four-st'y brick stable, gravel roof; cost, $75,000; owner, Forty-second St. Railroad Company; architects, A. B. Ogden & Son, 1031 Madison Ave.

Ninetieth St., n s, 75′ w Avenue A, two-st'y brick stable, tin roof; cost, $3,000; owner, Marguerite Arfmann, 1731 Avenue A; architect, Edward Wenz, 1491 Third Ave.

Philadelphia, Pa.—*Lancaster Ave., No.* 4542, three-st'y brick stable; owner, Thos. Kennelly, Forty-sixth St. and Lancaster Ave.

Bicking St., s s, w Sixty-seventh St., one-st'y brick stable; builder, L. G. Dutton, 6172 Woodland Ave.

Hart Lane, e s, n Indiana Ave., two-st'y brick stable; owner, James O'Connor, cor. Sixth St. and Indiana Ave.

Washington Ave. and Van Dyke St., two-st'y brick stable; builder, Sydney King, Tacony.

Jessup St., No. 710, one-st'y brick stable; builder, W. H. Miller, 712 South Eleventh St.

Fairview Ave., w Eighty-fifth St., one-st'y brick stable; owner, T. J. Hughes, Fairview Ave., w Eighty-fifth St.

Spring St., e s, n Wood St., two-st'y brick stable; owner, S. S. Keely, 350 Green Lane.

Moreland St., s s, e Thirty-third St., two-st'y brick stable; owner, Thomas Wright & Son, 7 Harvey St.

Queen St., s s, e Wissahickon St., two-st'y brick stable; builder, Frank Neuman, 4718 Pulaski Ave.

Ninth St., w s, s Dauphin St., two-st'y brick stable; builder, J. S. Wolford, 2240 West Ninth St.

South Nineteenth St., No. 1722, one-st'y brick stable; owner, John Kelly, 1825 Fernon St.

Mohawk St., s s, w Stenton Ave., one-st'y brick stable; builder, Walter Brown, Hotel Lafayette.

Lawrence St., e s, s Chew St., two-st'y brick stable; builder, L. Altemus, Olney.

St. Louis, Mo. — Two-st'y brick stable; cost, $3,000; owner, J. B. Legg; contractors, Kelly & Lawton.

Worcester, Mass.—*Hope Ave.*, one-st'y frame stable; owner and contractor, John Turnblow.

Bradford St., one-st'y frame stable; owner, Clifford Miller; day work.

Gilman St., one-st'y frame stable; owner, H. Walker; contractors, Blackstone & Germain.

STORES.

Boston, Mass.— *Washington St., Nos.* 1154 and 1156, Ward 16, five-st'y brick store, flat roof, 40′ x 120′; owners, C. A. Richards' heirs; builders, Keening & Strout Bros.

Brooklyn, N. Y.—*Fourth Ave.*, n e cor. Thirty-fourth

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BUILDING INTELLIGENCE.

St., three-st'y brick stores and flat, tin roof; cost, $12,000; owner, Wm. H. Norris, 246 Thirteenth St.; architect, A. V. B. Norris, Windsor Terrace, L. I.

Fourth Ave., s e cor. Thirty-third St., three-st'y brick stores and flat, tin roof; cost, $12,000; owner, Wm. H. Norris, 246 Thirteenth St.; architect, A. V. B. Norris, Windsor Terrace, L. I.

Wallabout St., s w cor. Throop Ave., three-st'y brick store and dwell., tin roof; cost, $5,000; owner, Adam Hamm, 400 Wallabout St.; architect, Herman E. Funk, 310 Ellery St.

Myrtle Ave., n e cor. Lewis Ave., 2 four-st'y brick stores and dwells., tin roofs; cost, $7,000 each; owner and builder, Jacob Bossert, Bushwick Ave. and Elm St.; architect, Th. Engelhardt, 905 Broadway.

Stockholm St., s s, 175' e Knickerbocker Ave., three-st'y frame store and dwell., tin roof; cost, $4,500; owner, Christ A. Keppler, 197 Knickerbocker Ave.; architect, Chas. Infanger, 126 Van Siclen Ave.

Hamburg Ave., s w cor. George St., 3 three-st'y frame stores and dwells., tin roofs; cost, $4,500 each; owner, Leonard Eppig, 54 Central Ave.; architect, Th. Engelhardt, 905 Broadway.

Belmont Ave., s w cor. Montauk Ave., two-st'y frame store and dwell., tin roof; cost, $3,800; owner, Donald Laing, Belmont and Atkins Ave.

Decatur St., n w cor. Hopkinson Ave., 5 three and four-st'y brick stores and dwells., felt and gravel roofs; total cost, $26,000; owner and builder, Wm. McClenahan, 1911 Bergen St.; architect, John L. Young, 287 Halsey St.

Grand St., No. 776, s s, three-st'y brick store and dwell., tin roof; cost, $5,200; owner, John Kane, 283 Hawes St.; architect, H. Vollweiler, 483 Hart St.; builder, J. Schoek, 405 Humboldt St.

Chicago, Ill.—Carr Briss, 3 four-st'y stores and flats, 5311-5315 Lake Ave.; cost, $45,000.

Elof Johnson, 3 four-st'y stores and flats, 312-316 Austin Ave.; cost, $20,000.

T. A. Wright, 5 three-st'y stores and flats, 120 North Halsted St.; cost, $20,000.

Julius Knaud, three-st'y stores and flats, 1750 Halsted St.; cost, $6,000.

George Kuelling, three-st'y store and flats, 1761 Milwaukee Ave.; cost, $5,000.

M. Klein, three-st'y store and flats, 5528 State St; cost, $9,000.

John B. Pallasch, three-st'y store and flats, 37 Breslau St.; cost, $9,000.

Edward Bohn, four-st'y stores and flats, 2352 Cottage Grove Ave.; cost, $7,000.

H. Sheldon, 3 three-st'y stores and lofts, 7743-7747 Cottage Grove Ave.; cost, $6,000.

D. K. Cosgrove, 2 four-st'y stores and flats, Sixty-third St. and Oglesby Ave.; cost, $15,000.

Moses Bernstein, three-st'y store and flats, 389 Halsted St.; cost, $14,000.

Cincinnati, O. — Jos. Burges, three-st'y brick and stone stores and flats, Madisonville Pike; cost, $6,000; architect, A. W. White.

Detroit, Mich. — Diedrichs Bros., two-st'y brick store, etc., 830 Michigan Ave.; cost, $4,000.

R. E. Raseman, 2 three-st'y brick stores and dwells., 350-354 Gratiot Ave.; cost, $11,000.

W. S. Nicholson, 4 three-st'y brick stores and dwells., 791-797 Third Ave.; cost, $13,000.

Montreal, Can. — *Inspector St.*, five stores and dwells; owner, J. B. Houlé estate; architect, Gaudias Simard, 1585 St. Catherine St.

New York, N. Y. — *Bleecker St.*, s e cor. Greene St., six-st'y brick store, tin roof; cost, $95,000; owner, Marx W. Mendel, St. Cloud Hotel; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.

River Ave., n s, 95' w Riverdale Ave., one-st'y brick store, curvilinear iron and glass roof; cost, $9,000; owner, G. P. Morasini, 71 Broadway; architects, D. & J. Jardine, 1262 Broadway.

First Ave., s w cor. One Hundred and Second St., three-st'y brick store, tin roof; cost, $13,090; owner, James Duffy, 1600 Lexington Ave.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

One Hundred and Third St., n e cor. First Ave., 5 two-st'y brick stores, tin roofs; cost, $75,000; owner and architect, John Allen, 241 East One Hundred and Fourth St.

Philadelphia, Pa. — *North Third St., No.* 324, four-st'y brick store; builder, Thos. McCarty, 1935 North Seventh St.

St. Louis, Mo.—Two-st'y brick stores and flats; cost, $6,000; owner, L. B. Bolher; contractor, Foster.

Two-st'y brick store and dwell.; cost, $8,000; owner, C. D. Ellis; contractor, Evans.

Two-st'y brick store and dwell.; cost, $4,525; owner, F. Drechman; contractor, Boehler.

Six-st'y brick store; cost, $30,000; owner, M. Laudauer; contractor, C. C. Helmers, Jr.

Two-st'y brick store; cost, $10,000; owner, R. M. Morans; contractor, E. D. Ogden.

THEATRES.

Philadelphia, Pa. — *North Eighth St., Nos.* 237-247, two-st'y brick theatre; builders, Beck & Comly, 116 North Seventh St.

WAREHOUSES.

Baltimore, Md. — J. J. Duffy will build three-st'y brick warehouse, s s Pratt St., bet. Fremont and Dawson Sts.

New York, N. Y. — *East Forty-eighth St., No.* 157, four-st'y brick warehouse, tin roof; cost, $17,000; owner, Charles & Co., Forty-third St. and Vanderbilt Ave.; architect, Geo. H. Budlong, 160 Fifth Ave.

MISCELLANEOUS.

Boston, Mass.—*Bennett St., No.* 41, Ward 12, one-st'y brick storage, flat roof, 16' x 20'; owner, Maria L. Lincoln; builder, R. O. Dunn.

Worcester, Mass. —*Grafton St.*, one-st'y frame shop; owner and contractor, T. H. Buckley.

Tainter St., one st'y brick manufacturing and foundry building; owners, Rice, Barton & Fales Iron Co.; contractors, The Webb Granite and Construction Co.; architects, Fuller & Delano.

Tainter St., one-st'y brick manufacturing building; owners, Rice, Barton & Fales Iron Co.; contractors, The Webb Granite and Construction Co.; architects, Fuller & Delano.

Southgate St., one-st'y brick picker room; owners, Harrison Mill Co.; contractor, P. F. White.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., October 5, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 26th day of October, 1892, and opened immediately thereafter, for all the labor and materials required for the painting, polishing, decorative painting, including repairs to plastering, for the United States Custom-house and Post-office building at Cincinnati, Ohio, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Custodian at Cincinnati, Ohio. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Painting, Polishing and Decorative Painting, including Repairs to Plastering, for the United States Custom-house and Post-office building at Cincinnati, Ohio," and addressed to W. J. EDBROOKE, Supervising Architect.

EXTENSION.

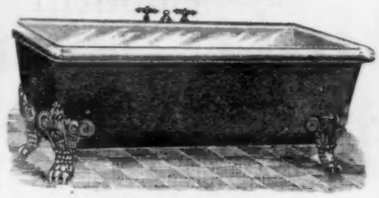
Notice. Treasury Department, Office Supervising Architect, Washington, D. C., October 25, 1892. Time for opening proposals for painting, polishing, decorative painting, etc., for the United States Custom-house and Post-office at Cincinnati, Ohio, is hereby extended to November 2, 1892. W. J. EDBROOKE, Supervising Architect. 879

Treasury Department, Office Supervising Architect, Washington, D. C., October 14, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 9th day of November, 1892, and opened immediately thereafter, for all the labor and materials required for the trench excavation, concrete and stone footings, cut-stone and brickwork of the basement and area walls, basement columns, first floor beams, wood joists, etc., of the United States Post-office building at York, Pa., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at York, Pa. Each bid must be accompanied by a certified check for a sum not less than two per cent. of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid should it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidder. Proposals must be enclosed in envelopes sealed and marked "Proposal for Trench Excavation, Concrete and Stone Footings, Cut-stone and Brickwork of the Basement and Area Walls, etc., for the United States Post-office building at York, Pa.," and addressed to W. J. EDBROOKE, Supervising Architect. 880

Treasury Department, Office Supervising Architect, Washington, D. C., October 14, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 10th day of November, 1892, and opened immediately thereafter, for all the labor and materials and erecting complete one hydraulic passenger elevator and one steam freight elevator in the United States Old Custom-house (appraisers stores) building at St. Louis Mo., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Custodian at St. Louis, Mo. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for one Hydraulic Passenger Elevator and one Steam Freight Elevator, in the United States Old Custom-house (Appraisers Stores) building at St. Louis, Mo.," and addressed to W. J. EDBROOKE, Supervising Architect. 880

Treasury Department, Office Supervising Architect, Washington, D. C., October 22, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 16th day of November, 1892, and opened immediately thereafter, for all the labor and materials required for the excavation, foundations, stone and brickwork, floor and roof construction, roof covering, etc., for the United States Custom-house and Post-office building at St. Albans, Vermont, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at St. Albans, Vermont. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all of the bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposals for the Excavation, Foundations, Stone and Brickwork, Floor and Roof Construction, Roof Covering, etc., for the United States Custom-house and Post-office building, St. Albans, Vermont," and addressed to W. J. EDBROOKE, Supervising Architect. 880

Treasury Department, Office of the Supervising Architect, Washington, D. C., October 12, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 31st day of October, 1892, and opened immediately thereafter, for all the labor and materials required for roof sheathing, slate and copper work of roof, skylight, down and drain pipes, etc., for the United States Post-office, Court-house, etc., building at Troy, N. Y., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Troy, N. Y. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Roof Sheathing, Slate and Copper Work of Roof, Skylight, Down and Drain Pipes, etc., for the United States Post-office, Court-house, etc., Troy, N. Y.," and addressed to W. J. EDBROOKE, Supervising Architect. 879



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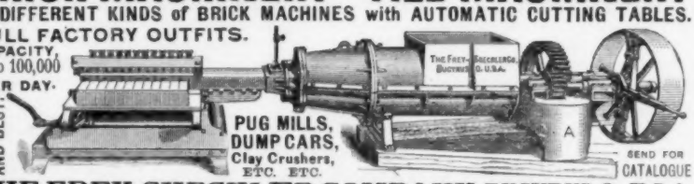

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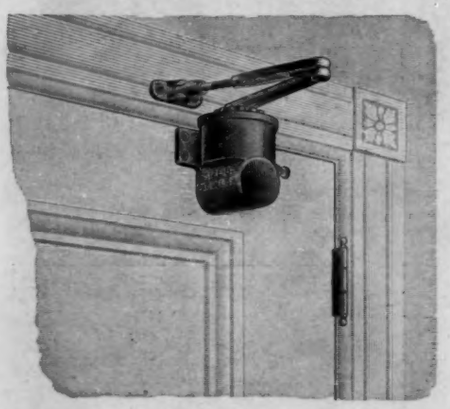

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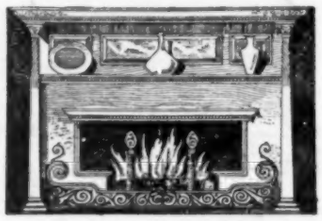

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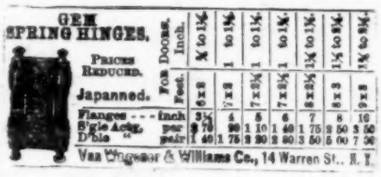

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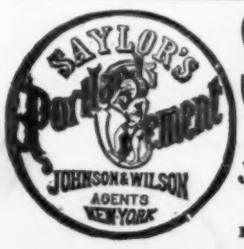

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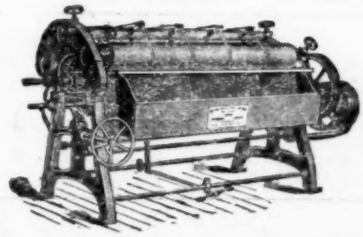

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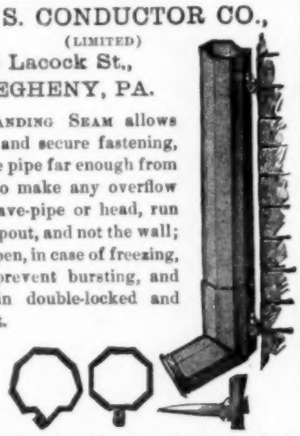

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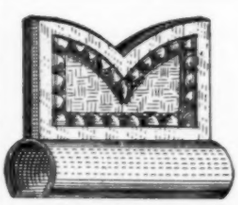

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Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	
Cedar split ₱ M.	@	@	*Not sold.*	30" $35 @ 40
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	24" 8 @ 21
Cypress. Split....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	20" 35 @ 14
				11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P.10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (*First Qual.*				
Ash (*Kiln-dried.*)	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	90 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 48 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ₱ M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	@ 45 00

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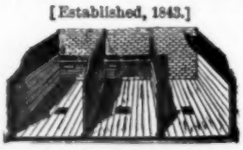

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	New York. (Wholesale Prices.)	Boston.	Chicago. (Prices to Builders and Contractors.)	Philadelphia. (Prices to Builders and Contractors.)
BRICK.—₱ M.				In Yard.
Common: *Cargo afloat.*				
Pale	1 75 @ 2 00	Eastern 9 00 @ 10 00	Building Brick @ 6 50	Sq. Hard @ 9 00
Jersey	4 00 @ 4 75			" @ 7 00
Long Island	@	Bay State Hard 7 00 @ 8 00		Salmon @ 5 00
Up River	4 00 @ 4 75			Sq. " @ 9 00
Haverstraw Bay 2d	4 75 @ 5 00	Domestic Com. 9 50 @ 10 00	Indiana Pressed 14 00 @ 20 00	Light Stretchers @ 10 00
" 1st	5 00 @ 5 25			Medium " @ 12 00
Hollow	@ 13 00	Domestic Face 20 00 @ 22 00	St. Louis Fronts @ 27 00	Red " @ 13 00
Fronts:				Dark " @ 13 00
Croton, Brown	@ 13 00	Philadelphia 40 00 @ 45 00		Pressed @ 13 00
" dark	@ 14 00			Best Paving 18 00 @ 20 00
" red	@ 14 00	Phila. mould 50 00 @ 80 00		Second " @ 14 00
Chicago pressed (Anderson)			15 00 @ 27 00	Third " @ 13 00
" Moulded			65 00 @ 350 00	@ 12 00
Baltimore	37 00 @ 41 00	Anderson 14 00 @ 32 00	@ 55 00	
Philadelphia	23 00 @ 24 00		45 00 @ 50 00	Dom. @ 65
Trenton	22 00 @ 23 00		45 00 @	" @ 82
Milwaukee			25 00 @	
Moulded:			60 00 @ 100 00	
Glens Falls Red Pressed	@ 37 00		30 @	
" " Buff "	@ 30 00		35 @	
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00		@ 100 00	
Enamelled (edge and end)	90 00 @ 115 00		@ 120 00	
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	85 @ 95	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" (Burnham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafargo)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Jossen
" (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	1 75 @ 2 00	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 85	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 95	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 82	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	21 @ 25	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 66
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine	@	19 50 per ton	@ 1 00	₱ Perth @ 4 50

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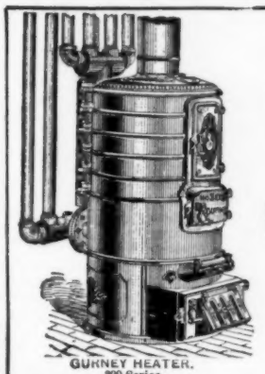
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th.10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 1
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	} 55 @ 1 00
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	1 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	225 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	00 @ 4 65
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ...℔ M	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7 @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	70 @ 5 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 29	@ 21
Green, Paris	23 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	55 @ 62	44 @ 45	57 @ 60	@ 60
" " boiled. (℔ gal.)	58 @ 65	47 @ 48	60 @ 63	@ 63
Turpentine	36 @ 37	@ 36	51 @ 51	@ 44
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting	75 @ 1 00	1 @ 1½	1 @ 1½	½ @ 1
Paris white, (Eng.)	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am	5½ @ 6	7 @ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 10	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 40	@ 3 05	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask 2 90 (all kinds.)
Butts: 4″ x 4″ (℔ doz. pairs.)	@ 1 00	@ 1 29	@ 90	@ 90
Plain	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Acorn, Japanned	@ 65	@ 50	*Not Sold.*	48 @ 50
Ball Tip, Boston Finish (℔ pair.)	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Bronze metal	@ 10	@ 10	@ 12	@ 1 00
Brass (for cupboards.)	@	@	@	@ 35
Ebony	@	@	@	37 @ 1 00
Apple wood				
Knobs: (℔ *set.*)	@ 8	@ 8	8 @ 10	@ 08
Mineral, best	@ 50	@ 75	65 @ 80	*Not Sold.*
Lava	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Hematite	@ 30	@ 10	25 @ 30	@ 25
Porcelain	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, solid	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Glass, silvered	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	@	@	13 @ 16	13½ @ 16
Solder:	@	@ 7½	@ 7	@ 6½
Sheet Lead	@	@ 6½	@ 6½	6 @ 6
Lead Pipe				
Iron:				
I-Beams, up to and including 36 ft	3 3-10 @ 3½	@ 3 4-10	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel Beams	3 3-10 @ 3½	@ 4-10	3 20 @ 3 70	@ 2 8-10



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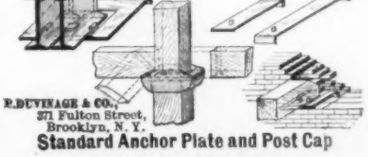

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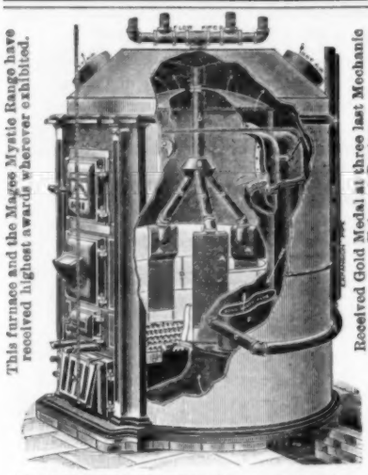

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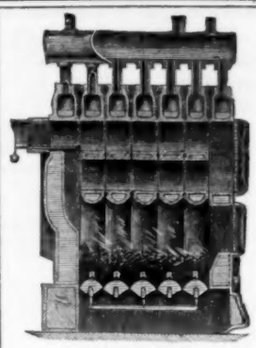

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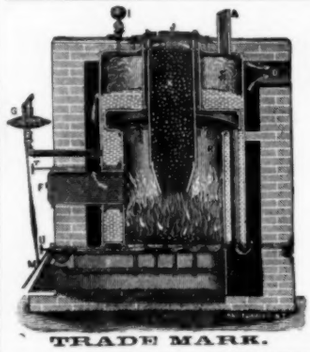

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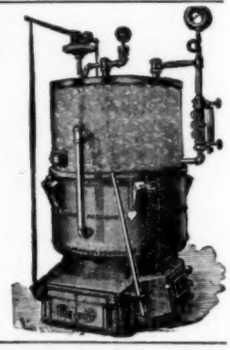

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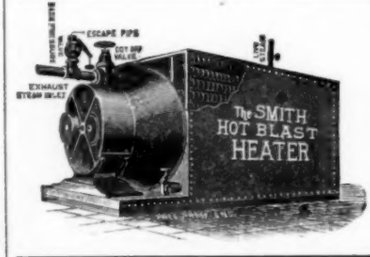

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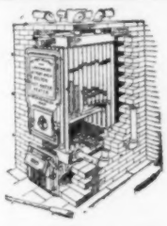

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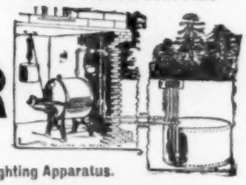

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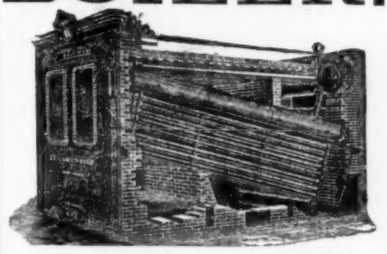

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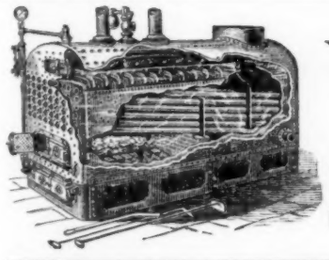

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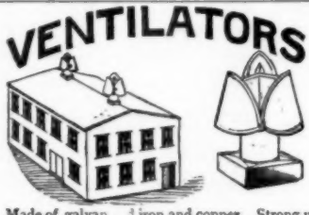

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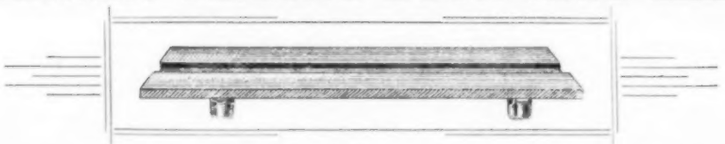

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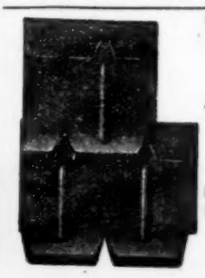

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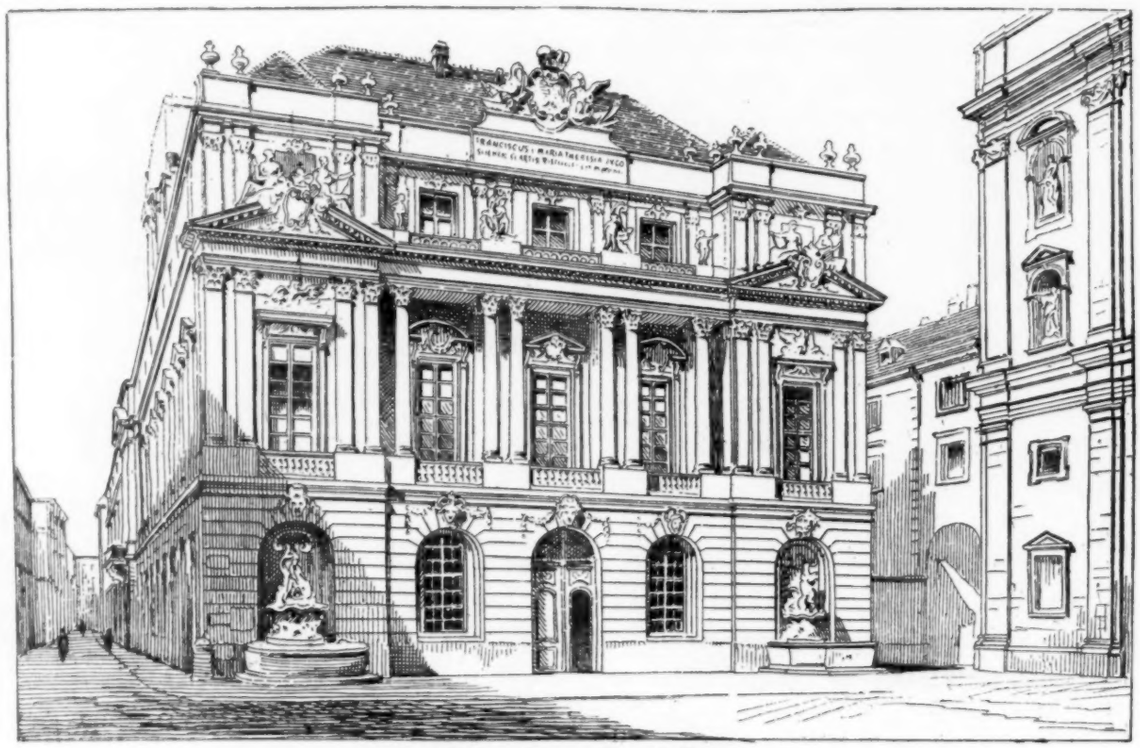

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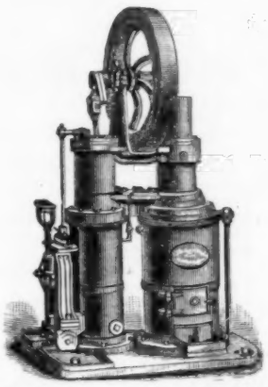

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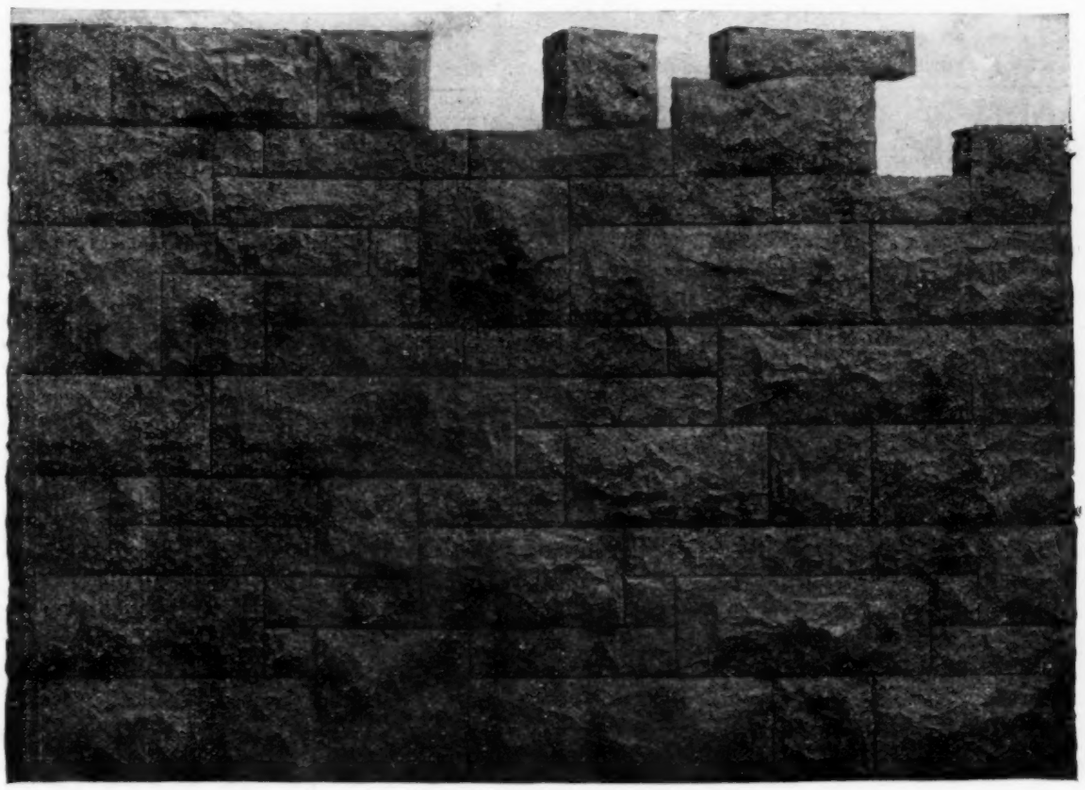

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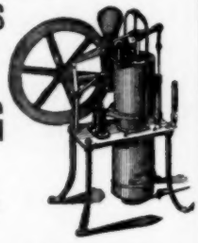

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Nothing but best Steam Metal used in the manufacture.
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IT IS ABSOLUTELY WITHOUT AN EQUAL.
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Made of two seamless drawn copper Shells.
Not recommended for a working service of more than half the test.
Handsomest, best and strongest in the market.
Send for circular giving instructions for prevention of accident.
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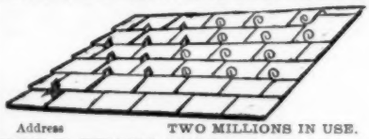

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Armed only with his lyre, Orpheus went to rescue his bride; and he played such sweet music that the devils were charmed. The wheel on which Ixion was bound ceased to revolve. The vulture left off preying on the vitals of Titios. The stony countenance of Pluto himself relaxed into a smile of pity. It was agreed that Eurydice might follow her husband up to earth again—on condition that he would not look back.

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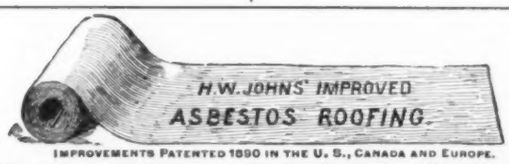

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Awarded the Grand Prize at the late Paris Exposition.

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The American Architect and Building News

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For the American Architect and Building News Co.

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New Advertisements

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J. B. SHANNON & SONS (Philadelphia, Pa.), Art Metal Work. Page xxvi.

WANTED.

POSITION.—A young man of eighteen, having some idea of drawing, would like to get into an architect's office; compensation no object. Address Gustave F. Herdling, United States Hotel, New York City. 881

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ARCHITECTURAL PERSPECTIVE drawings and efficient temporary assistance by a staff of first-class designers, draughtsmen and colorists. Address Secretary, Guild of Artists, Rooms 39 and 40, 430 Walnut Street, Philadelphia, Pa. t.f.

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[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

484,318. Coupling for Water-Closets.—George B. Howell, Philadelphia, Pa.
484,329. Roofing-Joint.—William H. Jellison, Petrolia, Pa.
484,347. Eaves-Trough Hanger.—Willis E. Tuller, Willink, N. Y.
484,351. Blind-Hinge.—Andrew J. Avery, Lynn, Mass.
484,361. Lock-Hinge.—Cyrus E. Gillespie, Edwardsville, Ill.
484,365. Joist-Lifter.—William Heister, Bellevue, Ky.
484,392. Lock.—Robert R. Ball, New York, N. Y.
484,418. Window-Screen.—Peter Gabriel, Helena, Mont.
484,443. Lock.—Laurence Mouat, Jr., and Edward W. Pratt, Chicago, Ill.
484,454. Weather-Strip.—John Phillips, Williamstown, Pa.
484,467. Window-Jack.—George F. Sheehan and Daniel A. Mullin, Manchester, N. H.
484,489. Window.—George E. Blaine, New Carlisle, Ohio.
484,496. Pump.—Hatten Gaskins, Morrisonville, Ill.
484,517. Clothes-Drier.—Charles E. Drury, Girard, Pa.
484,540. Window-Screen.—Alexander McKerlie, Hamilton, Canada.
484,551. Door-Jamb.—Mathias Classen, Kalamazoo, Neb.
484,595. Brick-Kiln.—William A. Koneman, Chicago, Ill.

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484,617. Water-Closet.—Benjamin C. Smith, Brooklyn, N. Y.
484,636. Covering for Fire-Door Openings.—William H. Hoag, Amsterdam, N. Y.
484,640. Sheet-Metal Roofing.—Edwin Norton, Maywood, Chicago, Ill.
484,666. Anchor for Joists.—Mancell W. Mitchell, New Albany, Ind.
484,708. Stair-Rod and Securer.—William Gates, Upton Manor, England.
484,709. Sash-Fastener.—Gerolt Gibson, St. Louis, Mo.
484,710. Sash-Fastener.—Gerolt Gibson, St. Louis, Mo.
484,717. Dust-Collector.—William Ince, Hayle, England.
484,734. Shutter-Worker.—Joshua A. Hadley, Brazil, Ind.
484,741. Tile.—Robert E. Hunn, Vallejo, Cal.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING OCTOBER 28, 1892.

From Antwerp.—Steamer "*Westernland*," 115 girders, Brown Bros. & Co.; 5,150 barrels cement, order.

From Bremen.—Steamer "*Gladiolus*," 20 barrels asphaltum, Gabriel & Schall; 1,600 casks Portland cement, E. Thiele; 1,008 do., Baetjer & Meyerstein; 3,528 do. cement, order.

From Cardenas.—Steamer "*Saratoga*," 400 bags asphaltum, Balsells & Co.

From Glasgow.—Steamer "*Noungian*," 18 cases granite, New York Granite Co.; 20 do., Brown & McGowan; 131 do., 1 rough stone, Austin, Baldwin & Co.; 20 blocks stone, G. P. Sherwood.

From Hamburg.—Steamer "*Lisnacrieve*," 1,120 casks cement, Gabriel & Schall; 1,008 do., Portland do., Baetjer & Meyerstein; 1,120 do. cement, E. Thiele; 1,500 do., order.

From Havana.—Steamer "*Habana*," 100 bags asphalt, Henry W. Peabody & Co. Steamer "*Saratoga*," 118 bags asphaltum, J. Balsells & Co.

From Liverpool.—Steamer "*Servia*," 578 casks bricks, Howard Fleming; 190 do., Meeker & Carter. Steamer "*Arizona*," 28 cases granite, Brown & McGowan.

From London.—Steamer "*Persian Monarch*," 1,000 casks cement, C. J. Stevens; 500 do., Hammill & Gillespie; 1,150 do., 750 do. Portland cement, 2 logs wood, order.

From Nuevitas.—Brig "*Harriet G.*," 209 cedar planks, Mosle Bros.

From Rotterdam.—Steamer "*Edam*," 1,560 casks cement, E. Thiele. Steamer "*Didam*," 2,000 casks cement, E. Thiele. Steamer "*Maasdam*," 1,200 casks cement, E. Thiele.

From Santa Cruz, Cuba.—Bark "*Heber*," 1,970 logs cedar, 165 do. mahogany, Adams & Jimenis.

From Trinidad.—Steamer "*Arecuna*," 1,550 tons asphaltum, order. Steamer "*Trinidad*," 000 tons crude asphalt, order.

From Vera Cruz.—Steamer "*Yumuri*," 5 blocks marble, E. Zarang & Co.; 10 sacks asphaltum, Strutter, Meyer & Schuhmacher.

From Wallace, N. S.—Schooner "*Kalevala*," 53 blocks building stone, G. P. Sherwood.

From Windsor, N. S.—Schooner "*Wentworth*," 580 tons lump plaster, J. F. Whitney & Co. Schooner "*Gypsum Queen*," 1,062 tons lump plaster, J. F. Whitney & Co. Schooner "*Gypsum Emperor*," 1,253 tons plaster, J. F. Whitney & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

APARTMENT-HOUSES.

Chicago, Ill.—William A. Dunshee, 2 four-st'y flats, 199-200 Oakwood Ave.; cost, $26,000.
Charles J. Johnson, two-st'y flats, St. Charles and Center Sts.; cost, $4,500.
Mrs. M. Mulcahy, two-st'y flats, 20 North Campbell Ave.; cost, $3,600.
James Kennay, two-st'y flats, 1310 Fulton St.; cost, $3,400.
F. W. Case, 5 four-st'y flats, 69-71 University Pl. and 3437-3441 Rhodes Ave.; cost, $75,000.

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The publishers of the *American Architect* would like to purchase a few copies of

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of the Regular edition, and of

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Imperial Edition 749, 782.

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BUILDING INTELLIGENCE.

Philip Byan, three-st'y flats, 598 Spaulding Ave.; cost, $5,300.
Nicholas Jax, two-st'y flats, 249 Seminary Ave.; cost, $3,000.
S. F. Fogg, 7 four-st'y flats, 5305-5315 Madison Ave.; cost, $30,000.
Walters & Johnson, 2 three-st'y flats, 568-570 Kenwood Pl.; cost, $14,000.
James Dolan, 2 three-st'y flats, 4710-4712 Wabash Ave.; cost, $10,000.
James Cormack, 2 three-st'y flats, 563-567 Kenwood Ave.; cost, $19,000.
Dan. Cotter, three-st'y flats; cost, $10,000.
Fred. Breitsman, two-st'y flats, 901 Melrose St.; cost, $4,000.
C. Stevenson, two-st'y flats, 2367 Ashland Ave.; cost, $4,000.
A. Beersheim, two-st'y flats, 314 Henry St.; cost, $3,000.
John Anderson, three-st'y flats, 86-88 Racine Ave.; cost, $7,000.
N. C. Roe, 2 three-st'y flats, 1969-1971 Carroll Ave.; cost, $4,000.
E. Ilanghur, three-st'y flats, 1445 Fillmore St.; cost, $4,000.
Michael Nemmes, three-st'y flats, 168 Hudson Ave.; cost, $5,000.
Elizabeth Skinner, 8 three-st'y flats, Central Park Ave. and Twenty-fourth Pl.; cost, $50,000.
E. K. Boyds, 2 six-st'y apartment buildings, 338 Fifty-seventh St.; cost, $35,000.
W. S. Tiernan, 2 three-st'y flats, 1022 Roos Ave. and 1020 Garfield Ave.; cost, $16,000.
M. Staleberg, three-st'y flats, 571 Kedzie Ave.; cost, $10,000.
S. C. Hayes, 4 two-st'y flats, 1395-1401 Fulton St.; cost, $15,000.
S. C. Hayes, two-st'y flats, 167 Hamlin Ave.; cost, $3,000.
A. C. Rood, 5 three-st'y flats, 6419-6427 Farwell Ave.; cost, $35,000.
George B. Upp, 7 three-st'y flats, 469-479 Fifty-sixth St.; cost, $30,000.
S. S. Beman, 4 three-st'y flats, 304-312 Sixty-first St.; cost, $35,000.
J. Swartz, 2 three-st'y flats, 6026-6028 South Park Ave.; cost, $10,000.
A. Thomson, 2 two-st'y flats, 10111-10113 Avenue J; cost, $4,000.
William Kirby, 2 three-st'y flats, 4131-4133 Laurence Ave.; cost, $18,000.
Charles Anderson, 2 three-st'y flats; cost, $18,000.
James Waltner, three-st'y flats, 889 Jackson St.; cost, $7,500.
Emma Lord, two-st'y flats, 9 De Kalb St.; cost, $3,000.
W. A. Smith, four-st'y flats, 208-218 Thirty-third St.; cost, $65,000.
Mrs. S. Blye, 2 three-st'y flats, 6345-6349 Sheridan St.; cost, $16,000.
Miss Emma Calhane, two-st'y flats, 6626 Maryland Ave.; cost, $16,000.

(Continued on page xvii.)

FACTS ABOUT

HARD OIL FINISH.

BLUNDERS.

In daily life much chagrin and annoyance is caused by blunders, and while occasional mistakes are inevitable—since no one is perfect—still blunders can often be guarded against so that their number is reduced to a minimum. Some mistakes are of a trivial nature and are easily rectified, while others again seriously affect the well being of persons or things, and are either actually or practically beyond making right.

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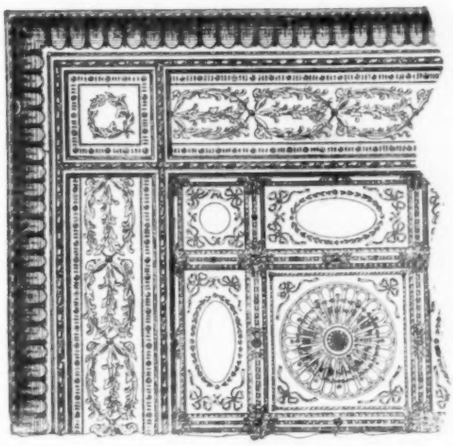

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BUILDING INTELLIGENCE.

J. L. Oviatt, apartment-house and boiler-house, 225-231 Dearborn St.; cost, $50,000.

Cincinnati, O. — Orlando Avery, five-st'y brick and stone flats, Seventh St.; cost, $12,000; architects, Crapsey & Brown.

New York, N. Y. — *One Hundred and Twenty-first St.*, s s, 100′ w Eighth Ave., 6 five and six st'y brick flats, tin roofs; cost, $120,000; owner, Frederick Braender, 502 East Eighty-third St.; architect, Frank Wennemer, 204 East Eighty-sixth St.

Lewis St., Nos. 106-112, 2 five-st'y brick flats, tin roofs; cost, $44,000; owners, Weil & Mayer, 227 East Sixtieth St.; architects, Schneider & Herter, 48 Bible House.

Lewis St., Nos. 108-110, 2 five-st'y brick flats, tin roofs; cost, $50,000; owners, Weil & Mayer, 227 East Sixtieth St.; architects, Schneider & Herter 48 Bible House.

CHURCHES.

Chicago, Ill.—Trustees St. James Episcopal Church, four-st'y parish-house, 128-132 Rush St.; cost, $40,000.

Swedish M. E. Church, church, 1300-1302 Indiana Ave.; cost, $10,000.

Rev. McGrath, church, 32-34 North Francis St.; cost, $6,000.

Cincinnati, O. — St. Henry Congregation, one-st'y brick and stone church, Flint St.; cost, $45,000; architects, G. & A. Brink.

Crisfield, Md.—The Methodists will build a church,

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BUILDING INTELLIGENCE.

to cost about $20,000, from plans by B. B. Owens, architect, Baltimore.

Montreal, Can.— *St. Denis St.*, church; owners, All Saints congregation; architect, John James Browne, 207 St. James St.

Philadelphia, Pa.— *Thompson St.*, n w cor. Neff St., brick and stone church for the Port Richmond M. E. Congregation; architect, Thomas Price, Lansdowne, Pa.

FACTORIES.

Chicago, Ill.—Cleveland Linseed Oil Co., factory and elevator, Laurence Ave. and One Hundred and Tenth St.: cost, $225,000.

Rufus Wright, three-st'y factory, 331 West Lake St.; cost, $8,000.

Julius Lesner, four-st'y factory and barn, 86-96 Roseland St.; cost, $25,000.

Cincinnati, O.— H. Lackman, four-st'y brick and stone factory, Fourth and Park Sts.; cost, $20,000; architects, G. & A. Brink.

Willenborg & Heilig, brick and stone factory, Pearl St.; cost, $12,000; architects, Vogel Bros.

Briggs Swift Est., seven-st'y brick and stone factory, Ninth St.; cost, $50,000; architect, H. E. Siter.

New York, N. Y.— *Broome St.*, n w cor. Columbia St., five-st'y brick factory, cement roof; cost, $125,000; owner, R. Hoe & Co., 504 Grand St.; architects, Stewart, Ranney & Chapaud, 132 West Twenty-third St.

Philadelphia, Pa.— *Ninth St.*, w s. s McKean St., two-st'y brick factory; owners, Burt Bros., 2008 South Ninth St.

HOSPITALS.

Boston, Mass.— *Swett St., rear*, near East Chester Park, Ward 20, one-st'y frame hospital, pitch roof, 40.8′ x 87′; owner, City of Boston; builder, W. T. Eaton.

Swett St., near East Chester Park, Ward 20, one-st'y frame hospital, hip roof, 20′ x 100′; owner, City of Boston; builders, B. D. Whitcomb & Co.

HOTELS.

Chicago, Ill.— The G. N. N. Hotel Co., four-st'y hotel, Sixty-eighth St. and Madison Ave.; cost, $45,000.

HOUSES.

Boston, Mass.— *Maxwell St.*, cor. Capen St., Ward 24, frame dwell., 24′ x 30′; owner and builder, W. A. Macaulay.

Grampian Way, near Savin Hill Ave., Ward 24, frame dwell., 27′ x 39.6′; owner, Mary McCurdy; builders, L. Martin & Co.

Highland St., near Cedar St., Ward 21, three-st'y frame dwell., hip roof, 31.6′ x 60′; owner, H. D. Swan; builder, John Gygig.

Saris Hill Ave., near Endleigh St., Ward 24, frame dwell., 23′ x 45′; owner and builder, Isaac Schurman.

Blue Hill Ave., near Sunderland St., Ward 21, frame dwell., 34′ x 36′; owner, M. W. Hall; builder, J. H. Hall.

Willow Park, Ward 19, 12 three-st'y brick dwells., flat roofs, 20′ x 40′; owners, John H. Mullen and M. S. & G. N. Miller; builders, M. S. & G. N. Miller.

Melbourne St., near Centre St., Ward 24, frame dwell., 23′ x 33′; owner, S. R. Higgins; builders, Bernard & Hopey.

Hill St., near Mindock St., Ward 25, frame dwell., 25′ x 37′; owner, Mrs. F. Nichols; builder, A. C. Ringer.

Temple St., near Mt. Vernon St., Ward 23, frame dwell., 22′ x 37′; owner, Mrs. H. Luick; builders, Sittig Bros.

Heron St., near Washington St., Ward 23, frame dwell., 20′ x 26′; owner, Anna B. Dillon; builder, J. P. Dillon.

Homestead St., near Walnut Ave., Ward 21, frame dwell., 33′ x 40′; owner, L. D. Seaver; builder, A. H. Allen.

Anawan Ave., cor. Allen St., Ward 23, frame dwell., 21.3′ x 46.6′; owner, L. S. Smith; builders, Sittig Bros.

Falcon St., No. 46, Ward 1, three-st'y frame dwell., flat roof, 21′ x 68′; owner and builder, Albion Johnson.

Washington St., No. 2898, Ward 21, frame dwell., 18.6′ x 40′; owner, Addie E. Lehacheur; builders, Fuchs & Wangler.

Border St., cor. Eutaw St., Ward 1, 5 three-st'y frame dwells., flat roofs, 21.6′ x 42′; owner and builder, J. H. Stevenson.

Byron St., near Saratoga St., Ward 1, three-st'y frame dwell., 21′ x 68′; owner and builder, Albion Johnson.

Call St. Pl., from Henley St., No. 35, Ward 5, three-st'y frame dwell., flat roof, 21.3′ x 32′; owner, Mrs. J. J. Austin; builder, Timothy Desmond.

Mt. Everett St., near Quincy St., Ward 24, frame dwell., 27.8′ x 42.10′; owner, Mrs. W. I. Atwood; builder, H. H. Hunt.

Melbourne St., near Centre St., Ward 24, frame dwell., 23′ x 45′; owner, Mrs. B. C. Porter; builder, E. F. Porter.

Rossiter St., near Eldon St., Ward 22, frame dwell., hip roof, 32′ x 33.6′; owner, Miss J. E. Keene; builder, J. H. Kellar.

Huntoon St., near Medway St., Ward 24, two frame dwells., 20′ x 48.4′; owner, P. F. Burke; builder, P. A. Tracy.

Saratoga St., No. 466, Ward 1, three-st'y frame dwell., flat roof, 24′ x 52′; owner, Carl Schuler; builders, J. McInnis & Co.

Meyer St., near Spruce St., Ward 23, frame dwell., 24′ x 32′; owner, H. H. Rowell; builder, A. R. Clark.

Centre and Hewlett Sts., Ward 23, three-st'y frame dwell., flat roof, 25.8′ x 35.8′; owner, J. W. Cameron.

Puritan Ave., near Wales Pl., Ward 24, frame dwell., 25′ x 31.6′; owner and builder, G. L. Davidson.

Everett St., opp. Call St., Ward 23, 2 three-st'y frame dwells., hip roofs, 23′ x 45′; owner, G. F. Johnston; builder, Peter Schneider.

Whitford St., cor. Kittredge St., Ward 23, frame dwell., 26 x 41′; owner, A. T. Hersee; builders, Hersee Bros.

Brooklyn, N. Y.— *Forty-fourth St.*, s s, 200′ w Fifth Ave., 5 two-st'y frame dwells., tin roofs; cost, $2,500 each; owner, S. Martin, on premises.

De Kalb Ave., s s, 125′ e Knickerbocker Ave., 2 three-st'y frame dwells., tin roofs; total cost, $8,300; owner and builder, R. Goesmann, 215 Himrod St.; architect, E. Schrempf, 534 Bushwick Ave.

Greene Ave., n s, 90′ w Wyckoff Ave., 2 three-st'y frame dwells., tin roofs; cost, $4,500; owner and builder, Ernest Augustin, 252 Himrod St.; architect, Walter B. Wells, 504 Hart St.

Harman St., s s, 275′ e Knickerbocker Ave., 2 three-st'y frame dwells., tin roofs; cost, $4,500; owner and builder, Ernst Augustin, 252 Himrod St.; architect, Walter B. Wells, 504 Hart St.

Bainbridge St., n s, 295′ e Saratoga Ave., 10 two-st'y frame dwells., tin roofs; cost, $30,000; owner, Dr. Geo. H. Smith, 921 Greene Ave.; architect, C. R. Behrens, 628 Monroe St.

Grove St., s s, 225′ w Central Ave., 3 two-st'y frame dwells., tin roofs; cost, $3,200 each; owner, A. Matthews, 942 Greene Ave.; architects, D. Acker & Son, 752 Broadway; builder, P. Monahan, 942 Greene Ave.

Linden St., n s, 225′ w Central Ave., 3 two-st'y frame dwells., tin roofs; cost, $3,200 each; owner, A. Matthews, 942 Greene Ave.; architects, D. Acker & Son, 752 Broadway; builder, P. Monahan, 942 Greene Ave.

State St., s s, 74′ w Hicks St., 2 five-st'y brick dwells., gravel roofs; cost, $7,000 each; owner, Mary E. Lynch, 226 St. Johns Pl.

Hart St., s s, 100′ e Hamburg Ave., three-st'y frame dwell., tin roof; cost, $4,000; owner and builder, George Gess, 159 Stanhope St., architect, W. B. Wills, 504 Hart St.

Forty-seventh St., s s, 160′ w Fifth Ave., 2 two-st'y frame dwells.; tin roofs; cost, $2,800 each; owner, S. T. Sherwood, Forty-seventh St., near Fourth Ave.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third Sts.

Seventh St., s s, 220′ 9″ e Third Ave., 6 two-st'y brick dwells., tin roofs; cost, $4,000 each; owner and builder, H. B. Lyons, 81 Fifth Ave.

Franklin Ave., w s, 158′ n De Kalb Ave., four-st'y brick dwell., tin roof; cost, $7,000; owner, B. F. Kilduff, 579 De Kalb Ave.; architect, Th. Engelhardt, 905 Broadway.

Wyckoff Ave., e s, 50′ s Himrod St., 2 three-st'y frame dwells., tin roofs; cost, $4,500 each; owner, Henry Schneider, 239 Irving St.; architect, Henry Vollweiler, 483 Hart St.

Chicago, Ill.—George E. Millars, two-st'y dwell., 470 Forty-fourth St.; cost, $6,000.

(*Continued on page* xx.)

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BUILDING INTELLIGENCE.

S. B. Shields, two-st'y dwell., 1611 Adams St.; cost, $5,000.

M. F. Bingham, three-st'y dwell., 766-768 Washington Boulevard; cost, $15,000.

Paul Polli, three-st'y dwell., 28 Cooper St.; cost, $3,500.

William Frink, 2 two-st'y dwells., 5515-5517 Morgan St.; cost, $4,000.

N. F. Stewart, two-st'y dwell., 1068 Kenmore Ave.; cost, $7,000.

E. C. Harpold & Co., two-st'y dwell., 1450 Graceland Ave.; cost, $4,000.

E. A. Potter, 2 three-st'y dwells., 4830-4832 Madison Ave.; cost, $16,000.

W. H. Whitman, two-st'y dwell., 6748 Lafayette St.; cost, $3,000.

E. W. Case, three-st'y dwell. and barn, 1497 Washington Boulevard; cost, $25,000.

H. L. Huntly, two cottages, 95-105 Woodside Ave.; cost, $3,000.

H. L. Huntly two cottages, 1940-1942 Commercial Ave.; cost, $3,600.

H. L. Huntly, three cottages, 1904, 1910 and 1914 Paulina St.; cost, $5,400.

Alonzo Clark, 2 three-st'y dwells., 51-53 Fifty-third St.; cost, $14,000.

F. Bernard, two-st'y dwell., 3982 Ellis Ave.; cost, $7,000.

A. Hill, 2 two-st'y dwells., Ellwyn Ave. and Montrose Sts.; cost, $5,700.

Jones & Stoddard, 3 two-st'y dwells., 1615-1619 West Monroe St.; cost, $18,000.

F. Bennett, 5 two-st'y dwells., 7209-12-40-47-51 Jeffery St.; cost, $20,000.

Frank Bennett, two-st'y dwell., 533 Seventy-second St.; cost, $4,000.

Fred Goodale, five cottages, Dickens & Kimball Sts.; cost; $4,200.

Frank Bennett, 4 two-st'y dwells., 7209-17-35-41 Ellington St.; cost, $16,000.

Phil Allen, 2 two-st'y dwells., 6837-6839 Union St.; cost, $3,000.

B. Robertson, two-st'y dwell., 4255 Drexel St.; cost, $10,000.

Cincinnati, O.—J. J. Winkler, two-and-one-half-st'y brick and stone dwell., and one-st'y shop, Colerain Ave.; cost, $5,500; architect, A. Bast.

Fred Otten, two-and one-half-st'y brick and stone dwell., Sciote St.; cost, $4,200; architect, J. Reuckert.

Minneapolis, Minn.—C. W. McWane, frame dwell., 3021 South Lyndale Ave.; cost, $4,000.

P. B. Christian, frame dwell., 562 Sixth Ave., n; cost, $4,000.

Montreal, Can. — *Cathedral St.*, dwell.; owner, P. McCrory; architect, W. E. Doran, 85 St. James St.

Laval Ave., dwell.; owner, Guillaume Soucy; architect, Casimir St. Jean, 180 St. James St.

Seymour Ave., dwell.; owner, W. Scott; architects, Fowler & Bowe, 198 St. James St.

Philadelphia, Pa. — *Mascher St.*, s e cor. Lehigh Ave., three-st'y dwell. and 2 two-st'y brick dwells.; builder, F. B. Franks, 2215 Emerald St.

Lippincott St., s w cor. Sixteenth St., three-st'y brick dwell.; owner, Jos. H. Slifer, 3129 Bancroft St.

Columbia Ave., n e cor. Eighteenth St., three-st'y brick dwell.; builder, Geo. C. Deitrich, 2003 Berks St.

Twenty-fifth St., e s, s Carpenter St., 8 two-st'y brick dwells.; owners, R. & A. Wilson, 821 Scott St.

Ninth St., w s, s Wolf St., 15 two-st'y brick dwells.; owner, Hugh McNeile, 1920 Passyunk Ave.

Ninth St., n w cor. Moyamensing Ave., two-st'y brick dwell.; owner, Hugh McNeile, 1920 Passyunk Ave.

Third St., s s Reed St., three-st'y brick dwell.; builder, Edmund Molloy, 2855 Kensington Ave.

Randolph St., e s, n Parrish St., three-st'y brick dwell.; builder, Matthew Schmid, 639 North Sixth St.

Margaretta St., s s, s Tackawanna St., 2 two-st'y brick dwells.; builder, Thos. S. Foulkrod, Leiper and Arrott Sts.

Bermuda St., n s, w Margaretta St., 4 two-st'y brick dwells.; builder, Kollner Bros., 2737 Ash St.

Fox St., n and s s, w Fifteenth St., 11 two-st'y brick dwells.; owner, John Stafford, 1606 Susquehanna Ave.

Fifteenth St., s w cor. Huntingdon St., 6 three-st'y brick dwells.; owner, John Stafford, 1606 Susquehanna Ave.

Huntingdon St., s s, w Fifteenth St., 4 two-st'y brick dwells.; owner, John Stafford, 1606 Susquehanna Ave.

Fifteenth St., w s, s Fox St., 3 three-st'y brick dwells.; owner, John Stafford, 1606 Susquehanna Ave.

Sixteenth St., w s, n Dauphin St., 2 three-st'y brick dwells.; owner, John Stafford, 1606 Susquehanna Ave.

Thirty-fourth St., s s, n Lehigh Ave., three-st'y brick dwell.; builder, Chas. E. Bartle, Thirty-third St. and Lehigh Ave.

Fifteenth St., w s, n Venango St., three-st'y brick dwell.; owner, Edwin L. Foulks, 1427 Tioga St.

Marshall St., s w cor. Venango St., 2 two-and-three-st'y brick dwells.; owners, Wright & Prentzel, 2560 Tyson St.

Venango St., s s, w Marshall St., 9 two-st'y brick dwells.; owners, Wright & Prentzel, 256 Tyson St.

Marshall St., e s, n Indiana Ave., 3 two-st'y brick dwells.; owner, August Krabo, 617 Indiana Ave.

Josephine St., e s, n Church St., 4 two-st'y brick dwells.; builder, Geo. R. Osborne, 4910 Franklin St.

Washington St., e s, n James St., 5 two-st'y brick dwells.; builder, Henry Close, 2345 North Thirty-second St.

Yocum St., n s, e Fifty-ninth St., 2 two-st'y brick dwells.; builder, P. E. Rehill, 6302 Woodland Ave.

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IN A ROOFING TIN PLATE DEPENDS UPON A COMBINATION OF MANY ATTRIBUTES. THE "SCOTT'S EXTRA COATED" BRAND IS NOT ONLY THE HEAVIEST COATED BUT ALSO CONTAINS THE GREATEST PROPORTION OF PURE BLOCK TIN, THUS SOLDERING WITH GREATEST EASE AND MAKING TIGHTEST JOINTS. ALL TINNERS PREFER TO USE THE "SCOTT'S EXTRA COATED."

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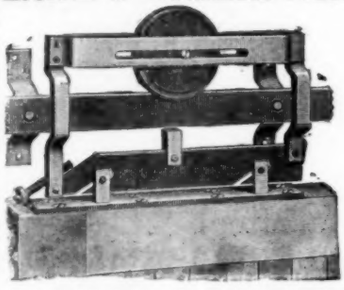

This Hanger is made of Steel.
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More nearly Noiseless than any other.
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Queen Lane, s s, e Morris St., two-st'y brick dwell.; builder, John Owens, 73 Sharpnack St.

Eleventh St., w s, s Rockland St., three-st'y brick dwell.; builder, Casper Lacroix, 193 North Fifth St.

Fifth St., w s, n Oak Lane, three-st'y brick dwell.; builders, Boyer & Parker, Stenton Ave.

Henry St., n Seymour St., 4 two-st'y brick dwells.; owner, H. C. Kuehn, 4337 Germantown Ave.

Ninth St., n Indiana Ave., two-st'y brick dwell.; owner, Timothy Mahoney, 309 North Ninth St.

East Somerset St., Nos. 1821-25, 2 two-st'y brick dwells.; builder, Cornelius Kiley, 2936 Ruth St.

Third St., w s, n Bristol Pike, 2 two-st'y brick dwells.; owner, Earnest Graupner, 1958 North Second St.

St. Louis, Mo. — Two-st'y brick dwell.; cost, $3,000; owner, Hashagen Bros.; contractors, F. Taylor & Son.

Two two-st'y brick dwells.; cost, $7,000; owner, C. A. H. Davis; contractor, Geo. Ruby.

Two-st'y brick dwell.; cost, $2,800; owner, F. Orth; contractor, F. Voelpel & Son.

Three two-st'y brick dwells.; cost, $12,000; owner and contractor, D. J. Sullivan.

Two-st'y brick dwell.; cost, $3,000; owner, F. Koehler; contractor, Loyd.

Two two-st'y brick dwells.; cost, $6,500; owner, J. Eagen; contractor, J. H. Herkenhoff.

Two-and-one-half-st'y brick dwell.; cost, $2,900; owner, J. D. Winn; contractors, Theby & Parke.

Two-and-one-half-st'y brick dwell.; cost, $2,900; owner, A. K. Deacon; contractors, Theby & Parke.

Two-and-one-half-st'y brick dwell.; cost, $2,900; owner, A. W. Lampbert; contractors, Theby & Parke.

Two-st'y brick dwell.; cost, $2,500; owner, M. J. Greer; contractor, A. W. Heimberger.

Two-st'y brick dwell.; cost, $2,500; owner, D. D. Fitzgerald; contractors, Thombs & Son.

Two-st'y brick dwell.; cost, $3,500; owner, M. A. Bowles; contractor, Scanlon.

Two two-and-one-half-st'y brick dwells.; cost, $7,800; owner, F. R. Peters; contractors, Stewart, Womus & Mullgart.

BUILDING INTELLIGENCE.

Two-st'y brick dwell.; cost, $3,000; owner, Wm. F. Parks; contractor, Klinglesmith.

Two-st'y brick dwell.; cost, $4,000; owner and contractor, C. C. Newberry.

Somerville, Mass. — *Tufts St.*, near Dell St., frame dwell., 25′ x 51′; owner, C. H. Ramsdell; builder, O. G. Osgood.

Grant St., cor. Sewell St., frame dwell., 24′ x 34′; owner, Henry F. White; builder, Clayton W. Allen.

Cherry St., frame dwell., 27′ x 35′; owner, Mrs. Ella H. Kathan; builders, Pinn & Eastman.

Meacham St., frame dwell., 24′ x 32′; owner, Henry R. Glover; builder, Thos. Gordon.

Summer St., cor. Central St., frame dwell., 28′ x 48′; owner, Chas. M. Hemenway; builder, Geo. M. Starbird.

OFFICE-BUILDINGS.

Cincinnati, O. — Wm. Goodall, six-st'y brick and stone offices, Ninth St.; cost, $30,000; architects, Rapp & Aiken.

Philadelphia, Pa. — *Noble St., No.* 316, two-st'y brick office; owner, C. O. Kronglowien, 432 Brown St.

SCHOOL-HOUSES.

Montreal, Can. — *Bleury St.*, St. Mary's College; owners, Jesuit Fathers; architects, Perreault & Mesnard, 11 Place d'Armes Hill.

Newtown, Bucks Co., Pa.— Three-st'y stone, John McGeorge Friends' School, slate roof; architect, Addison Hutton, 400 Chestnut St., Philadelphia.

St. Louis, Mo. — Brick high school; cost, $197,000; owner, St. Louis Public Schools; contractor, J. H. Keefe.

STABLES.

Boston, Mass. — *Medford St., rear, No.* 331, Ward 4, two-st'y frame stable, flat roof, 34′ x 92′; owner, A. M. Richards; builder, J. B. Maynard.

Thetford St., rear, near Norfolk St., Ward 24, one-st'y frame stable, pitch roof, 20′ x 24′; owner, A. F. Barney; builders, W. H. Haddock & Co.

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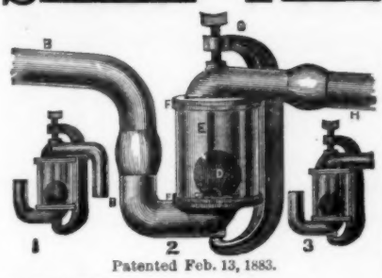

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Kinross Road, rear, near Commonwealth Ave., Ward 25, one-st'y frame stable, pitch roof, 28′ x 42′; owner, Mrs. M. A. Smith; builder, H. P. Oakman.

Quincy St., rear, No. 34, Ward 21, one-st'y frame stable, pitch roof, 23′ x 26′; owner, John Carroll; builder, R. O. Dunn.

Billings St., near Centre St., Ward 23, frame stable, 22′ x 32′; owner, Mrs. E. Roth; builder, A. McLeod.

Fenton St., rear, near Duncan St., Ward 24, frame stable, 15′ x 20′; owner and builder, H. C. Thorn.

Dana St., rear, No. 35 Ward 20, two-st'y frame stable, flat roof, 28′ x 28′; owner, James Coffey; builder, David Currier.

Edson St., rear, No. 74, Ward 24, frame stable, 20′ x 30′; owner, Thomas Tobin.

Fuller St., rear, No. 79, Ward 24, frame stable, hip roof, 16′ x 20′; owner and builder, M. A. McCarty.

Brooklyn, N. Y.—*Georgia Ave.,* e s, 50′ Liberty Ave., two-st'y brick stable, tar and gravel roof; cost, $3,000; owners, Piel Bros., Sheffield Ave.; architect, Mr. Drosser, New York.

Camden, N. J.—*Tenor St.,* n s, w Haddon Ave., two-st'y frame stable; owner, John Hagenbucker.

Florence and Tenth Sts., one-st'y frame stable; owner, Thos. Fogarty.

Somerville, Mass. — *Hudson St., No.* 153, frame stable, 16′ x 20′; owner, Giovanni Perroni; builder, J. G. Poingdester.

Newbury St., frame dwell., 18′ x 24′; owner, Mary A. Hunter; builder, Clarence Hunter.

STORES.

Brooklyn, N. Y. — *Noll St.,* s s, 100′ w Evergreen Ave., 6 three-st'y frame stores and dwells., tin roofs; cost, $4,000 each; owner, builder and architect, John Rueger, 250 Moore St.

Market St., n e cor. Eastern Parkway, 2 three-st'y frame stores and dwells., tin roofs; cost, $4,000; each; owner and builder, H. N. Mahland, 112 Van Voorhis St.; architect, Henry Vollweiler, 483 Hart St.

THEATRES.

Montreal, Can.—*St. Lawrence St.,* theatre, 28 stores, 22 dwells., offices, etc.; cost, $350,000; owners, Wilson & Frost; architect, Theo. Daoust, 162 St. James St.

WAREHOUSES.

Chicago, Ill. — Nelson Morris & Co., four-st'y warehouse, Central and Centre Aves.; cost, $4,000.

J. V. Farwell & Co., five-st'y warehouse and barn, 153-159 West Adams St.; cost, $10,000.

Philadelphia, Pa. — *Christian St., Nos.* 2621-2623, one-st'y brick warehouse; owner, C. B. Reese Sons & Co., 800 Southerland St.

Front St., Nos. 115-117, six-st'y brick warehouse; builder, C. P. Nesbitt, 425 Locust St.

PROPOSALS.

Proposals for Marble-work. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., November 5, 1892. Sealed proposals for furnishing, delivering and putting in place complete the interior polished marble wainscoting, finish, etc., required for the building for the Library of Congress, in this city, will be received at this office until 2 o'clock P. M. on Monday, the 28th day of November, 1892, and opened immediately thereafter in presence of bidders. The work comprises nine distinct parts of the building and kinds of marble; namely, colored, veined white, Rutland white, Sutherland Falls white, Brandon, West Rutland blue, Champlain, Tennessee and Georgia, for which separate bids will be received and separate contracts awarded. Samples of stone and workmanship required may be seen at the building. Specifications, general instructions and conditions and blank forms of proposal may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 883

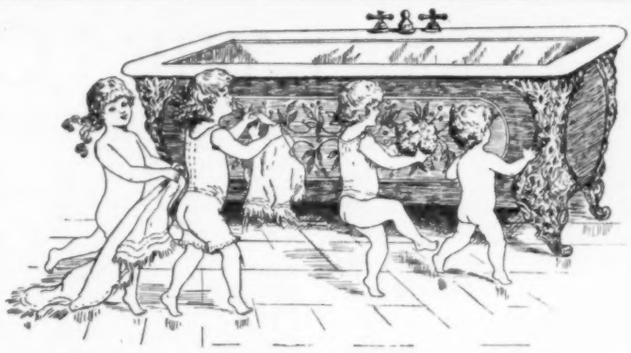
Proposals for Cast-iron Door and Window Frames and Washboards. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., October 29, 1892. Sealed proposals for furnishing, delivering and putting in place complete the cast-iron frames, casings and trimmings for doors, windows and washboards, required chiefly in the first, second and attic stories of the building for the Library of Congress, in this city, will be received at this office until 2 o'clock P. M. on Saturday, the 26th day of November, 1892, and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions and blank forms of proposal may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 8-2

Treasury Department, Office Supervising Architect, Washington, D. C., October 14, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 9th day of November, 1892, and opened immediately thereafter, for all the labor and materials required for the trench excavation, concrete and stone footings, cut-stone and brickwork of the basement and area walls, basement columns, first floor beams, wood joists, etc., of the United States Post-office building at York, Pa., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at York, Pa. Each bid must be accompanied by a certified check for a sum not less than two per cent. of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid should it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidder. Proposals must be enclosed in envelopes sealed and marked "Proposal for Trench Excavation, Concrete and Stone Footings, Cut-stone and Brickwork of the Basement and Area Walls etc., for the United States Post-office building at York, Pa.," and addressed to W. J. EDBROOKE, Supervising Architect. 880

Treasury Department, Office Supervising Architect, Washington, D. C., October 14, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 10th day of November, 1892, and opened immediately thereafter, for all the labor and materials and erecting complete one hydraulic passenger elevator and one steam freight elevator in the United States Old Custom-house (appraisers stores) building at St. Louis Mo., in accordance with the drawing and specification, copies of which may be had on application at this office or the office of the Custodian at St. Louis, Mo. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for one Hydraulic Passenger Elevator and one Steam Freight Elevator, in the United States Old Custom-house (Appraisers Stores) building at St. Louis, Mo.," and addressed to W. J. EDBROOKE, Supervising Architect. 880

Treasury Department, Office Supervising Architect, Washington, D. C., October 22, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 16th day of November, 1892, and opened immediately thereafter, for all the labor and materials required for the excavation, foundations, stone and brickwork, floor and roof construction, roof covering, etc., for the United States Custom-house and Post-office building at St. Albans, Vermont, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at St. Albans, Vermont. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all of the bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposals for the Excavation, Foundations, Stone and Brickwork, Floor and Roof Construction, Roof Covering, etc., for the United States Custom-house and Post-office building, St. Albans, Vermont," and addressed to W. J. EDBROOKE, Supervising Architect. 880

[*Continued in Supplement.*]



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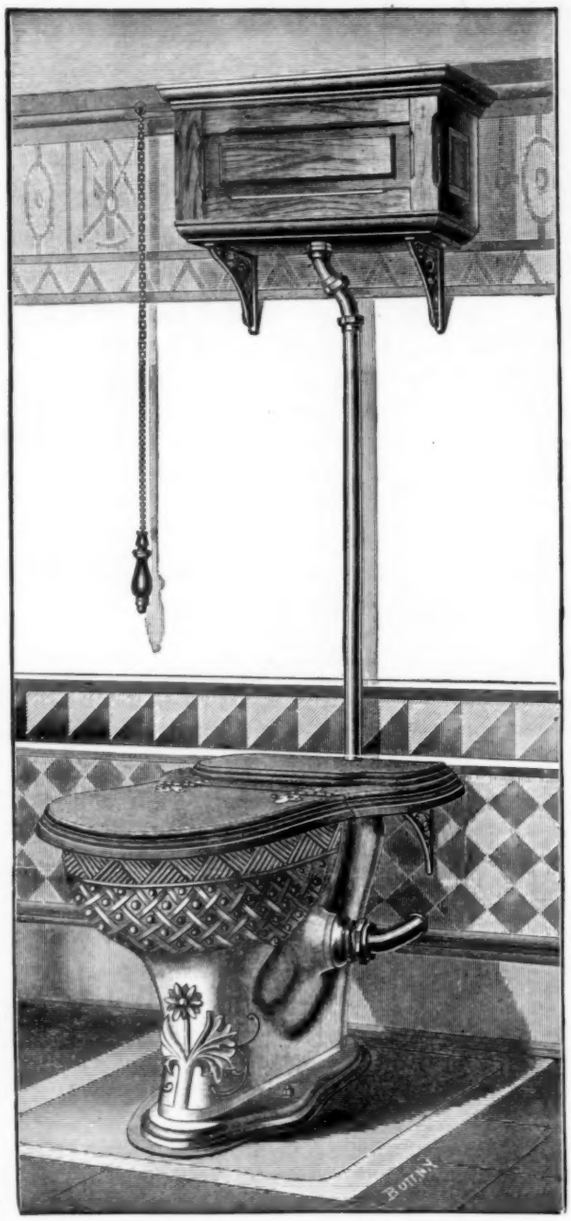

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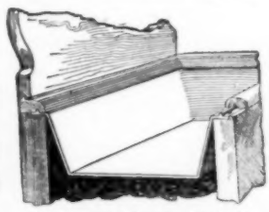

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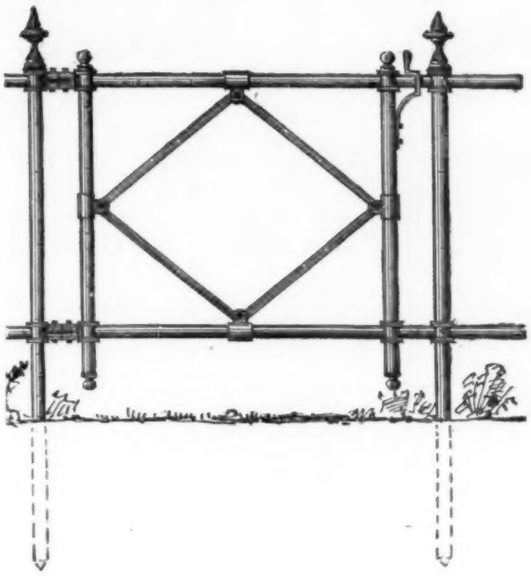

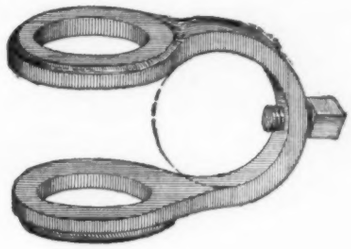

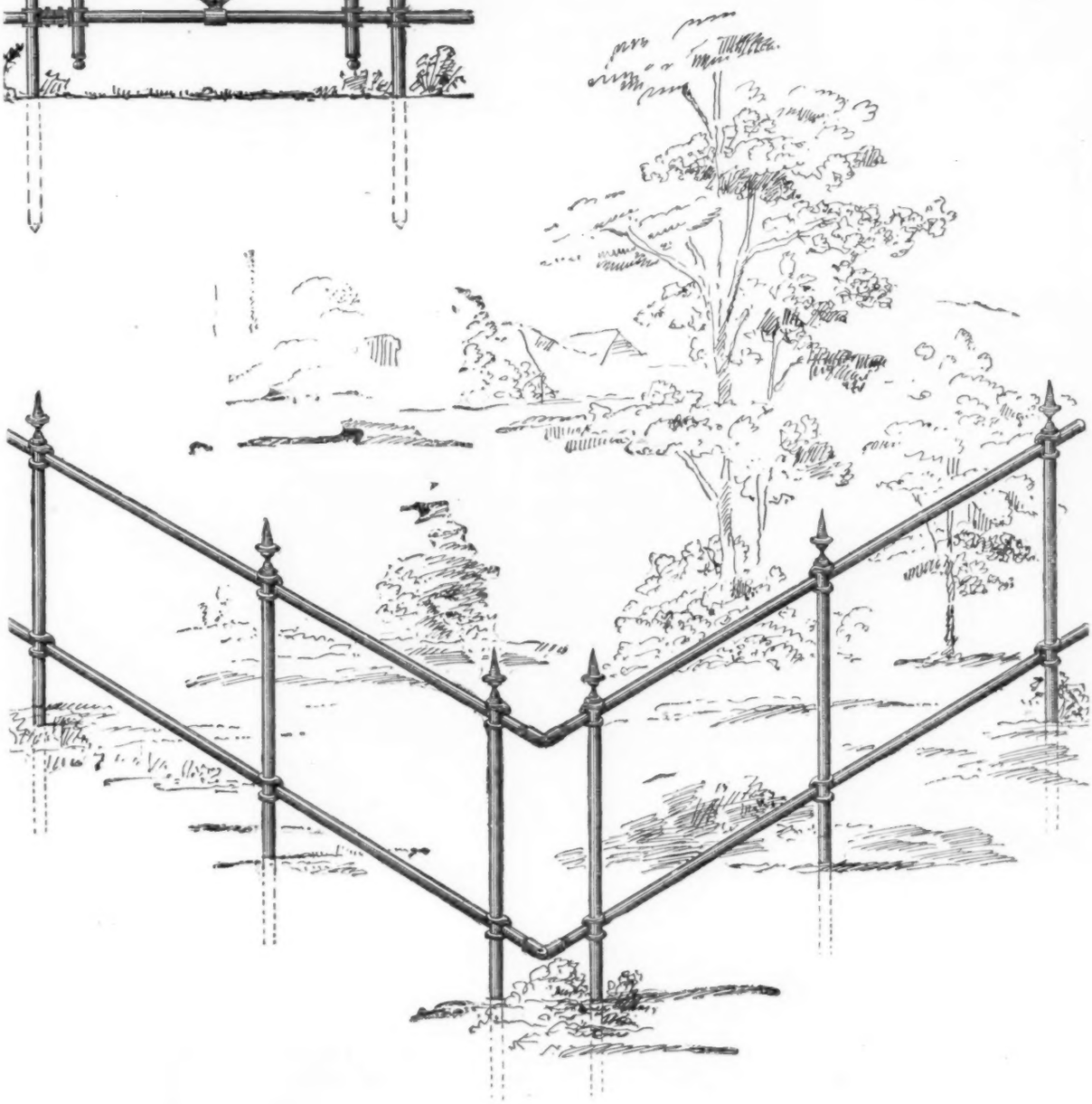

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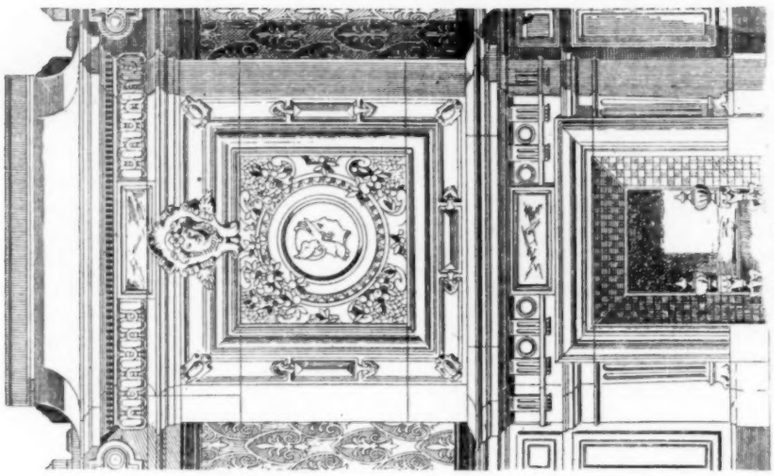

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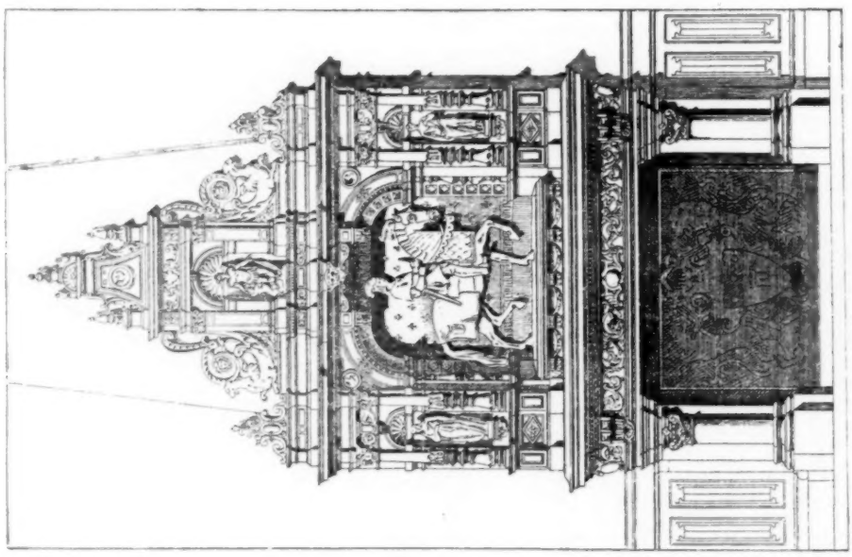

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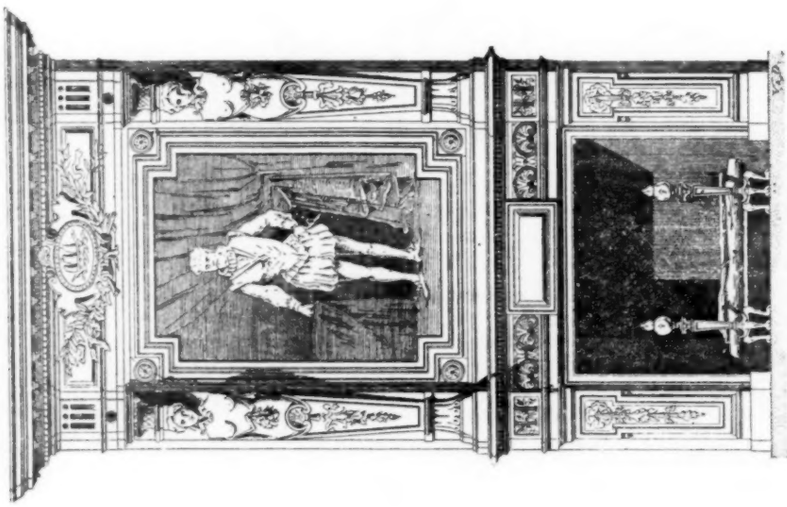

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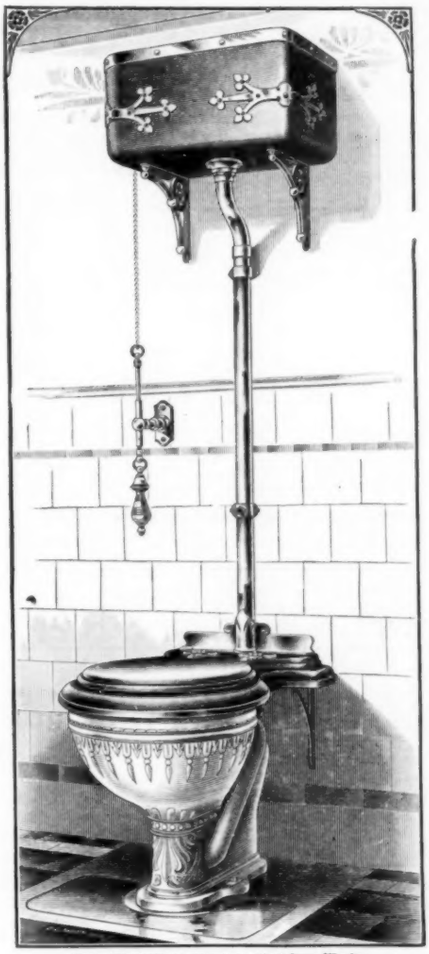

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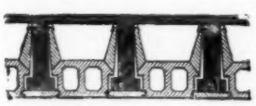
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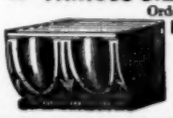
VARIOUS SIZES, COLORS, AND SHADES. Red, Buff, Drab, Brown, Gray, Black, White and Pompeian.
Orders filled for large quantities of Pressed Front or Face Bricks of any one shade.

BRICK FIRE PLACES and MANTELS.
ARCHES of all kinds ground and fitted from drawings furnished to us. Full size working plans sent with bricks.
SPECIAL SHAPES made from designs furnished us by Architects. Bricks shipped in cars at our works for all parts of the country. Illustrated Catalogue and Price List sent on application.

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PLAIN, GLAZED and Encaustic,
For Floors, Walls, Hearths, Etc.
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MILLER & COATES, 279 PEARL STREET, NEW YORK.

The American Architect and Building News

ADVERTISERS' TRADE SUPPLEMENT.

No. 125. SATURDAY, NOVEMBER 5, 1892. Volume XXXVIII. No. 880.

TO ARCHITECTS.

The publishers of the *American Architect* will be pleased to print notices of removal or of the opening of new offices, free of charge, upon receipt of the necessary information from architects.

A NOTABLE CATALOGUE.

In our daily intercourse with the Heliotype Printing Company, who have from the first printed the various illustrations to the *American Architect*, we have observed with a great deal of interest the production by their various lithographic processes of a catalogue which is certain to attract the attention of all who see it, though their examination goes no further than the front cover, which, for beauty of design, is remarkable.

The catalogue is that issued by the Gorham Manufacturing Company, and the illustrations of the various goods made by this celebrated house are produced by many different methods. The results include some beautiful examples of engraving on stone, of reproductions from pen-and-ink drawings, and, not least in importance, prints by what is technically known as the "grain process." This process is practically a photo-lithographic one, and consists in transferring a heliographic print obtained from a negative to stone, so that the same can be printed by the usual lithographic method, a process far less expensive than where such illustrations would have to be engraved or drawn, or reproduced by the heliotype or half-tone process. The excellence of the results obtained by this process is very noticeable, and shows, for instance, the extreme delicacy and elaborate detail of the *repoussé*, beautifully finished and engraved patterns of forks, spoons and tea-sets in elaborately-ornamented silverware manufactured by the Gorham Manufacturing Company, with the greatest success.

Besides the multiplicity of beautiful objects in silver displayed, the catalogue has a few illustrations of the Gorham Company's work of an ecclesiastical nature, and also of the products of their lately established bronze foundry. H. H. Kitson's statue of Farragut, cast in bronze by them for the City of Boston, is here shown.

The catalogue contains 300 pages, and something like 1,700 illustrations, many of which are groups embracing three to a dozen or more articles. It makes, in all, a book which weighs 4¼ pounds, and which is forwarded to all parts of the world. The cost for expressage upon the copies distributed in this country alone is about $2,000, the edition being 7,000 copies, and consuming over fifteen tons of paper.

Cover of the Gorham Company's Catalogue.

HELIOTYPE PRINTING COMPANY,
211 Tremont St., Boston, Mass.

A WONDERFUL MACHINE.

Probably no invention since the wonderful discoveries made in electrical science, has occasioned a wider spread interest than the carving machine owned and controlled by the National Carving Company of Lynn, Mass. This is the only machine in the world that will carve portraits from life in wood or marble as accurately as if executed by the hand of a sculptor. The machine is the production of a Lynn man, a practical and studious mechanic, Mr. Fred Snow, whose development of the mechanism which operates the carver has shown the possession of a rare inventive skill that he has used to the best advantage in this wonderful machine. It is a simply constructed apparatus which does the work of twenty men. It embraces devices which are essential to the production of carvings as perfect as if made by the sculptor. It is the result of costly experiments and ceaseless labor for many months; and its manifold products are in demand everywhere. The machine is entirely automatic, thus requiring no skilled labor to run it. One man can operate four machines at the same time, and it will produce forty different subjects at once from cameo to life or heroic size. Any material carvable can be worked. The Lynn *Daily Item*, in a sketch of the carver says: "The work which this machine does in wood and marble is so much better, so much more cheaply done than by hand, that when the prominent marble and wood-working men see what can be produced with it, the machine will be sent all over the country. Cabinet, piano, furniture and interior decoration manufacturers everywhere will be enabled to produce work of superior quality, and at prices less than one-fourth charged for handwork."

The purpose of the National Carving Company is to furnish the productions of their machines to concerns engaged in constructive and decorative arts. Architects and builders will use the carvings in the interior and exterior finish and decorations of public buildings, private residences, churches, art galleries, libraries, banquet halls, hotels, theatres, music halls, offices, billiard rooms, railroad

coaches, dining-cars, steamboats, yachts, etc. Manufacturers of pianos, organs, mantels, billiard tables, side-boards, and furniture of every description will use the goods extensively.

By addressing us, and referring to this publication, an attractive illustrated catalogue may be secured.

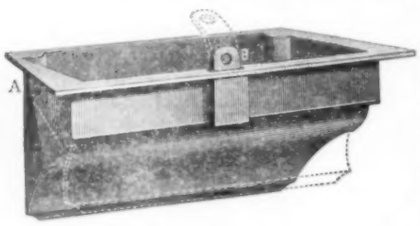
NATIONAL CARVING COMPANY,
490 Union Street, Lynn, Mass.

THE JACKSON PATENT ASH-TRAP.

It is the experience of all who use grates connected with ash-pits, that unless the masonry of the pits is unusually well constructed, so that there is an entire absence of crevices in the brickwork, and the door below is particularly well fitted, an intolerable nuisance of dust and ashes is experienced whenever the fire is raked. This arises from the fact that when hot ashes are dropped into the cold air of the pit, an upward current is started which, drawing its supply through every minute opening of the ash-pit, creates a decided draught that wafts the ashes into the room above, depositing dust upon objects surrounding the grate.

To prevent this upward escape of dust *entirely*, even from the most carelessly constructed ash-pits, the Jackson Ash-Trap, a sketch of which is appended, has been invented.

It consists, as is shown, of a rectangular box, the bottom of which fits obliquely upon it, and is adjusted by a pivoted hinge *A*, being so arranged that, by a slight pressure with a poker on the projection *B*, the bottom, or valve, is withdrawn from under the ashes,



and assumes the position shown by the dotted lines, and when the pressure is removed from *B* the valve instantaneously closes, excluding all dust from the room. The action is "as quick as a wink," requires the slightest pressure only, and never fails to be effective.

The traps are constructed to fit the Jackson Ventilating Grates, and can be placed in any of them in a few moments by simply taking out the screws from the sifter, removing it from the base of the grate and inserting the trap in its place — requiring no mechanical skill whatever.

For use in any other fireplace where ordinary grates are in service, a border is supplied for holding the trap securely over the mouth of the ash-pit. Border 15″ long and 9″ wide, trap 13″ long and 7″ wide.

The price of the ash-trap, securely packed for transportation by express, is, when used with the Jackson Ventilating Grates, $2.00.

When adapted for other grates, $2.25.

If sent by freight, cartage charges, twenty-five cents, will be added.

EDWIN A. JACKSON & BRO.,
50 Beekman Street, New York.

PAINTING CONSTRUCTIVE IRON.

The proper method of painting structural ironwork should be a matter of most important concern to the architect in these days of the modern steel frame building. So much depends on preserving intact the skeleton of the structure that the vital problem of obtaining some reliable and efficient means of preventing the attack of that insidious enemy, rust, is absolutely essential. In many experiments which have been made in order to determine the proper paint for iron work, the condition of the paint alone has been looked at after the conclusion of the test, while the more important element in the problem, the condition of the iron beneath the paint, has been entirely overlooked, it being presupposed that the iron would not be attacked so long as the protecting skin of the paint is intact. This, however, is a fallacy, for under certain conditions the formation of rust may go on more or less rapidly underneath the paint. Rust, or hydrated iron oxide, probably varies in composition with the condition under which it forms. One thing is certain, however, and that is that if any rust be present, it will spread and increase so long as there is any chance to obtain oxygen from any source whatever. Careful experiments, made by some of the most eminent chemists, seem to indicate that any linseed oil paint is more or less permeable by air and perhaps by moisture as well, hence, if this be true, such a paint cannot absolutely protect the iron underneath. Moreover certain pigments, such as Venetian and Indian reds, which have ferric oxide as their base, are, under ordinary conditions calculated rather to increase than to retard the rusting of the iron with which they are brought in contact. Most experiments on the subject seem to indicate that red lead when used as a priming on iron is less subject to decay than any other linseed oil paint, but while the value of red lead (provided the pure article is obtained from a reliable manufacturer) cannot be denied, it may be questioned whether it fulfils all the essential conditions of a rust-proof paint. A careful consideration of the premises would seem to indicate, that: first, all rust should be absolutely removed from the iron before painting; second, that the pigment, whatever be employed, should be ground in some medium which is practically non-oxidizing and absolutely impermeable to air or moisture. To meet these conditions Harrison Brothers & Company, of Philadelphia, have, after many experiments, perfected an Anti-Rust Paint in which the linseed oil or vehicle has been rendered practically inert and combined with an inert elastic pigment, which, as indicated by many most thorough tests made by them, seems to possess these sought for properties. Applied to a cold pipe, it has not blistered nor scaled when live steam has been passed through, nor is it injured by application to a hot pipe. Iron tubes, painted with this pigment, were tested by long exposure to a freezing mixture of ice and salt without the slightest injurious effect. Architects interested in iron construction would do well to write to Messrs. Harrison Brothers & Company, who cheerfully invite correspondence on this important subject. To those who believe that red lead makes the best material for priming iron work, we can confidently commend the Harrison red lead as being absolutely pure, finely ground and uniform. This firm is never satisfied unless their brands are the best it is possible to manufacture.

HARRISON BROTHERS & COMPANY,
Philadelphia, Pa.

SHINGLE STAINS.

No other article used upon the exterior of the modern house has increased in favor or enhanced the beauty of the building so materially as the use of shingle stains. When first used there was a tendency in the manufacture to use cheap materials and the consequence was inevitable. The houses after a year or two had a blackened and washed-out appearance which was very bad. Since then a thorough study of pigments, which taken in their pure state were found to be of so transparent a nature that in combination with certain chemicals and oils produced a beautiful color upon the wood, and besides making the color permanent and allowing the grain to show through the color, also preserved the wood from decay.

At the vaseline factories the oil which dripped through the floor came in contact with the underpinning. It was discovered that dead rot had not taken place wherever this oil had permeated the wood while in the underpinning not a foot away, where no oil had come upon the wood, decay was making serious inroads. Dexter Brothers grasped this discovery and combined the pure pigment with the preserving oil and the proof of the discovery is shown in the universal use of these celebrated stains. The purest pigments are ground in England and this firm imports all the pigments used in their stains from the other side of the water. They are all ground in oil in England and brought to this country in casks. The color is as finely ground as any tube color and no chemically made color is used, therefore, the sun does not fade them.

No better appreciation or higher compliment can be paid these stains than that such a colorist as Mr. Louis C. Tiffany of New York used them upon his country house.

Dexter Brothers carry a stock in San Francisco with Smith & Young; in Portland, Ore. with the Cleveland Oil & Paint Mfg. Co.; in Seattle, Wash. with Baker & Richards; in Chicago with the H. M. Hooker Co. and in Pittsburgh with W. W. Lawrence & Co. covering these distant points so that they can be had at short notice.

DEXTER BROTHERS,
55 Broad Street, Boston, Mass.

HIGGINS'S DRAWING-INKS AND MUCILAGE.

Joseph Pennell, the celebrated pen-artist, says of Higgins's drawing-ink. "There is no ink equal to it for half-a-dozen reasons," and A. B. Frost, the well-known illustrator, bears testimony to its merits in these words: "I use a great deal of it and it is certainly the best." This ink is prepared in two ways, the General and the Waterproof. The former is soluble, and best for India-ink tints and washes, for tracings, patent-office and photo drawings, and all fine line work. The Waterproof ink is insoluble when dry and is best for working-drawings which have to stand handling, moisture, or color washes. Both kinds, are, however, extensively used for tracing and also for artistic pen-work for photo-engraving, some draughtsmen preferring one and some the other.

Higgins's drawing-board mucilage is a novel semi-fluid adhesive of great strength and body, specially prepared for sticking paper to the drawing-board, or any similar work requiring a "quick-acting and powerful adhesive." It is not a starch or flour paste, but is truly a "Vegetable Glue," the result of a new chemical discovery. It is warranted to keep perfectly good for any length of time and to contain no injurious ingredients. This mucilage is also recommended for sticking almost everything, except wood to wood.

CHARLES M. HIGGINS & CO.,
168-172 Eighth Street, Brooklyn, N. Y.

THE CONTACT PROTECTED BELL.

THIS is the only absolutely dust-proof bell ever made. The contact points are enclosed in a sealed air-tight chamber, thus guaranteeing perfect freedom from dust at the vital spot, the contact points.

The contact screw is held in position by a patent flexible insulator, without lock nut, unaffected by heat or cold. This is one of its greatest features, as once adjusted always adjusted, and it is impossible to jar the contact screw loose. It is guaranteed to work in any position and never to fail by getting out of adjustment.

Excellent materials are used throughout, platinum points, pivot armature, side and back adjustment, and the best of workmanship is employed in its manufacture. It gives a sharp decided ring on one cell of battery; at the same time the armature will not stick if a dozen cells are used.

It is sold by all responsible dealers, and by the patentee and manufacturers,

J. JONES & SON,
39 VESEY STREET, NEW YORK, N. Y.

A NEW VARNISH.

VARNISH making is an old story. For years and years the methods have remained the same and with but little variation from the first iron kettle, oil and gum.

The Massachusetts Chemical Company of Boston has now come to the front with a new line of varnishes for which they challenge the world both on quality and price. Their goods are made by a new and secret process and they are enabled to sell their product, without the old-fashioned adulterations, cheaper than any first-class varnishes have hitherto been offered, because of the greater economy with which they are enabled to produce.

The points on which they claim attention for their goods are their rapid drying qualities, complete exclusion of foreign matter, perfect transparency and waterproofing.

MASSACHUSETTS CHEMICAL COMPANY.
8 OLIVER ST., BOSTON, MASS.

FIRE-CLAY ROOFING TILE.

THIS form of tile is manufactured by the Glenn Burnie Terra-cotta Company, Baltimore, Md.; by the Trenton Terra-cotta Company, Trenton, N. J.; by the Garden City Terra-cotta Company, Chicago, Ill.; and by the Golden Pressed and Fire Brick Company, Denver, Col., all of which companies are ready to receive and fill orders.

CLAY SHINGLE COMPANY,
1 INGALLS BLOCK, INDIANAPOLIS, IND.

ARCHITECTS' REMOVALS, ETC.

MESSRS. RAND & TAYLOR will remove to new offices in the New England Mutual Insurance Company's Building, 87 Milk Street, Boston, on November 1.

MR. E. T. CARR, formerly of Denver, Col., has closed out his business and will rest for a time. Advertisers will therefore kindly refrain from sending catalogues, circulars, etc., to him, until further notice.

REMOVAL.

WE desire to notify you that owing to the demands of our increased New England business, we have removed our Boston Offices to 53 State Street, where we hope to receive a continuation of New England patronage, built up by our endeavors to produce the best elevators in the country, and to have our customers treated with promptness, square dealing and courtesy; and we shall continue to place at the service of architects and owners the advantages of engineering ability of the highest order.

With our Boston storeroom, shop, and facilities at our factory, we assure promptness in repair work, equal with any factory in Boston. We should be pleased to furnish estimates, plans and any information you may desire on application.

GRAVES ELEVATOR CO.,
BY J. E. BYRNE, *Agent*, BOSTON, MASS.

NOTES.

SPON'S Tables and Memoranda for Engineers. Price 40 cents. Spon & Chamberlain, 12 Cortlandt Street, New York.

This work is printed in a pearl type, and is so small, measuring only 2½ inches by 1¾ inches, by ¼ inch thick, that it may easily be carried in the waistcoat pocket.

"It is certainly an extremely rare thing for a reviewer to be called upon to notice a volume measuring but 2½ inches by 1¾ inches, yet these dimensions faithfully represent the size of the handy little book before us. The volume — which contains 118 printed pages, is, in fact, a true pocket-book, adapted for being carried in the waistcoat pocket, and containing a far greater amount and variety of information than most people would imagine could be compressed into so small a space. . . The little volume has been compiled with considerable care and judgment, and we can cordially recommend it to our readers as a useful little pocket companion."

HENRY R. WORTHINGTON has opened a new branch office at 1762 Larimer Street, Denver, Col. There will be carried at that point a full line of pumps, water meters and repair parts, and complete arrangements have been made for handling the increasing business in that section which has made necessary the establishment of a branch office at Denver.

THE Capitol Heater Company of Detroit, Mich., although having many orders ahead, wishes it understood that they are taking care of them in a satisfactory manner, and are in a position to give prompt service. This statement is made necessary because of the erroneous reports to the contrary printed by a trade journal.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News.

STABLES.

Camden, N. J. — *South Ninth St., No.* 700, one-st'y frame stable; owner, A. Kern.

Ferry Ave. and Van Buren St., frame stable; owner, David O. Hunter.

Philadelphia, Pa. — *Mather St.*, w s, s Tioga St., one-st'y brick stable; builder, D. R. Evans, 3243 Uber St.

Mascher St., No. 1332, two-st'y brick stable; builder, Chas. Kreingal, 1231 Mascher St.

Deshong St., No. 2503, two-st'y brick stable; builder, Wm. Johnson, 2503 Federal St.

Ninth St., e s, s Huntingdon St., two-st'y brick stable; builder, Henry G. Schultz, 2633 Germantown Ave.

Chew St. and Fishers Lane, one-st'y brick stable; owner, M. Marple, Chew St. and Fishers Lane.

Evangelist St., No. 702, one-st'y brick stable; builder, Jos. Freedman, 430 South Seventh St.

Fifth St., n w cor. Glenwood Ave., two-st'y brick stable; owners, Koella & Dodenwadel, 3433 North Twelfth St.

Elmwood Ave., No. 7202, one-st'y brick stable; owner, C. D. Lukens, 7202 Elmwood Ave.

Blair St., e s, n Morris St., one-st'y brick stable; builder, J. M. Buchannan & Bro., 1618 Vienna S.

North Fifteenth St., No. 2312, one-st'y brick stable; builder, Geo. R. Snyder, 2202 Columbia Ave.

Twentieth St., e s, n Montgomery Ave., three-st'y brick stable; builders, Samuel Hart & Sons, 1109 Fairmount Ave.

STORES.

Cincinnati, O. — H. Schroder, three-st'y brick and stone store and dwell., Linn St.; cost, $42,000; architects, G. & A. Brink.

Geo. Zahn, four-st'y brick and stone store and dwell., Sycamore St.; cost, $3,500; architect, J. Kuckertz.

Chicago, Ill.—V. N. Anderson, 2 two-st'y stores and flats, 543-545 Sixty-ninth St.; cost, $4,000.

James Foley, three-st'y store and flats, 212 Center Ave.; cost, $6,000.

J. Balka, three-st'y store and flats, 665 Throop St.; cost, $7,000.

Edwin J. Bowes, Jr., & Bro., 2 two-st'y stores and flats, 460-462 Colorado Ave.; cost, $4,000.

Dr. Peter Fahrney, 2 four-st'y stores and flats, 1573-1575 West Madison St.; cost, $25,000.

Mary Reynolds, 3 four-st'y stores and flats; cost, $24,500.

Buna Frank, three-st'y store and flats, 577 West Eighteenth St.; cost, $3,000.

John Bonelling, two-st'y store and flats, 877 West Fourteenth St.; cost, $3,000.

Herman Czichiki, two-st'y store and flats, 59 West North Ave.; cost, $4,500.

James Gavin, 3 four-st'y stores and flats, 4518-4522 Cottage Grove Ave.; cost, $20,000.

M. J. Dunn, four-st'y store and flats, Sixty-third St. and Ogiesby Ave.; cost, $7,000.

Calvin E. Tower, three-st'y store and flats, 993 West Harrison St.; cost, $8,500.

John Flynn, three-st'y store and flats, 439 Forty-third St.; cost, $7,000.

Montreal, Can. — *St. Antoine St.*, three stores and dwells.; owner, Matthew Dineen; architect, John James Browne, 207 St. James St.

Richelieu St., two stores and dwells.; owner, Dr. Leonard; architect, J. Alcide Chaussé, 153 Shaw St.

Notre Dame St., two stores and dwells.; owner, H. H. Gauthier; architects, Perreault & Mesnard, 11 Place d'Armes Hill.

St. Antoine St., store and dwell.; owner, Henry Hamilton; architects, Wright & Son, 204 St. James St.

Notre Dame St., two stores and dwells.; owner, P. Wright; architect, W. E. Doran, 85 St. James St.

St. James St., 5 four-st'y stores and five dwells.; cost, $35,000; architect, J. Alcide Chaussé, 153 Shaw St.

Ontario St., three stores and three dwells.; owner, L. E. Beauchamp; architect, Vincent Lacombe, 897 Ste. Catherine St.

Ste. Catherine St., store and dwell.; owner, Leon Perreault; architect, Gaudias Simard, 1585 St. Catherine Ste.

Ste. Catherine St., store and dwell.; owner and architect, Benjamin Lamontague, 238 St. Denis St.

St. Louis, Mo. — Three three-st'y brick stores and dwells.; cost, $13,000; owner, Jos. Steppeth; contractor, Shassere.

Two-st'y brick store; cost, $5,000; owner, C. J. Frost; contractor, J. V. Majors.

WAREHOUSES.

St. Louis, Mo. — One-st'y brick warehouse; cost, $5,000; owner, E. Hartman Hide & Leather Co.; contract sub-let.

MISCELLANEOUS.

Baltimore, Md. — The Drovers' and Mechanics' Bank will build six-st'y brick and stone building, n w cor. Eutaw and Fayette Sts.

The Baltimore City Passenger Railway Co. will build one-st'y brick and stone power-house, e s Charles St., n Lanvale St.

Brooklyn, N. Y.—*Liberty St.*, e s, 220' w Tillary St., four-st'y brick carpenter-shop, tin roof; cost, $4,500; owner, J. K. Schermerhorn, 11 Nassau St.; architect, Robert Dixon, 219 Montague St.

Third Ave., s e cor. Dean St., three-st'y brick machine and storage house, tin roof; cost, $20,000; owner, Long Island Brewery, on premises; architect, Th. Engelhardt, 905 Broadway; builders, John D. Andersons Sons, 390 St. Mark's Place.

Chicago, Ill.—Michigan Central Railroad Co., round house, One Hundred and Twentieth St. and Michigan Central Railroad tracks; cost, $8,000.

D. M. White, three-st'y storage house, 529-531 Forty-seventh St.; cost, $10,000.

S. Lincoln, four-st'y tailor-shop, 191 Milton Ave.; cost, $3,000.

Gordon Matting Co., power-house, 26 Wherry Ave.; cost, $4,000.

Steven M. May, bottling-house, 3325-3327 State St.; cost, $5,500.

Fernwood Lodge, No. 738, two-st'y hall, Jefferson and One Hundred and Second Sts.; cost, $3,500.

City of Chicago, three-st'y police station, 5331-5337 Lake Ave.; cost, $50,000.

Cincinnati, O. — Charles Epply, two-st'y brick and stone undertaking establishment, Gilbert Ave.; cost, $3,000; architect, W. C. Lawrence.

Mrs. R. P. O'Neal, three-st'y brick and stone building, Fifth St.; cost, $3,000; architect, G. W. Drach.

Detroit, Mich. — Henry Carew & Co., brick dry-kiln, 409 Ferry Ave.; cost, $6,000; also brick dry-kiln, 1382 Russell St.; cost, $6,000.

R. E. Raseman, brick manufactory, 490-496 Tromley Ave.; cost, $22,000.

Minneapolis, Minn. — G. Gluck & Sons, brick malt house, Twentieth Ave., n e., and Marshall St.; cost, $20,000.

C., St. P., M. & Omaha Railway, freight house, Fourth Ave., n, and First St.; cost, $5,000.

Montreal, Can. — *Dorchester St.*, club-house; cost, $50,000; owner, St. James Club; architects, J. W. & E. C. Hopkins, 145 St. James St.

St. James St., banking house; owners, Lamontague, Clark & Co., 15 Broad St., New York; architect, W. McLea Walbank, 214 St. James St.

New York, N. Y. — *Walnut Ave.*, e s, 30' s East One Hundred and Thirty-ninth St., one-st'y brick workshop, peaked slate roof; cost, $5,000; owners, Central Gas-light Co., Alexander Ave. and One Hundred and Thirty-fourth St.; architect, Henry S. Ihuen, 47 Broadway.

Ridge St., No. 90, six-st'y brick workshop, tin roof; cost, $15,000; owner, L. L. Richman, 143 Clinton Pl.; architects, Kurtzer & Rohl, cor. Seventh St. and Third Ave.

Pier No. 14, N. R., foot Courtlandt St., two-st'y iron passenger depot, peak, tin roof; cost, $180,000; owner, City of New York; lessee, Inman National Steamship Line, 305 South Walnut St., Philadelphia; architect, Jos. T. Richards, 233 South Fourth St., Philadelphia.

Philadelphia, Pa.— *Jefferson St.*, n s, w Thirty-first St., five-st'y stock house; builder, Nathaniel Kennedy, 1134 South Fifteenth St.

Scattergood St., n e cor. Thomas St., two-st'y brick shop; owner, Ellison Bros., Bridge St., Bridesburg.

Milnor and Longshore Sts., one-st'y brick shop; owner, American Glass Co., Tacony.

Second and McKean Sts., pressed brick and sandstone society hall; architect, Jacob Herold, 231 Drexel Building.

Dickinson St, five-st'y brick building; owner, Spreckels Sugar Refining Co., Reed St. and Delaware River.

Wissinoming St., w s, s Vincent St., two-st'y brick building; builder, Geo. W. Roberts, 3515 Vankirk St.

Marshall St., w s, s Venango St., two-st'y brick shop; own rs, Wright & Prentzel, 2560 Tyson St.

Amber St., e s, s Westmoreland St., two-st'y dry house; owners, Robert Beatty & Bro., 2321 Townsend St.

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PORTLAND CEMENT

Is superior to any other Portland Cement made. It is very finely ground, always uniform and reliable, and of such extraordinary strength that it will permit the addition of 25 per cent more sand, etc., than other well-known brands, and produce the most durable work. It is therefore the most economical to use. 8,000 barrels have been used in the foundations of the Statue of Liberty. Architects and those interested in Portland Cement will please send for my pamphlet, which will be mailed free on application. It contains valuable directions for the employment of Portland Cement, a table of results of the strength of the Dyckerhoff Cement when mixed with sand and broken stone in various proportions, together with tests and testimonials of eminent Engineers, Architects and Consumers.

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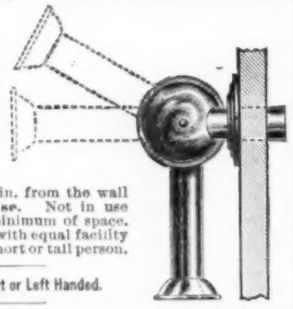

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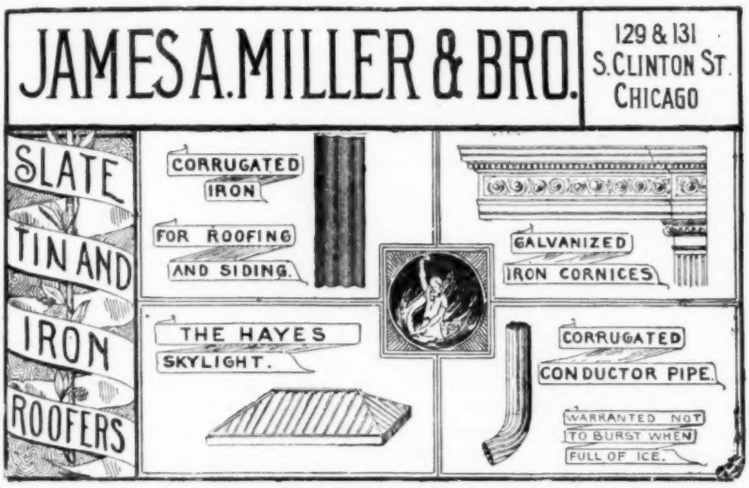

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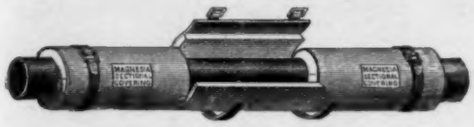

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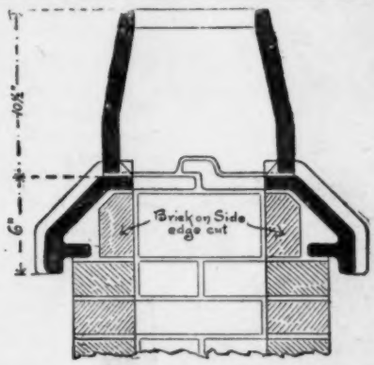

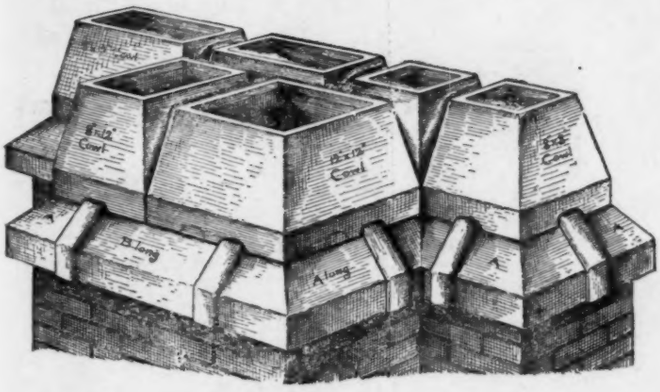

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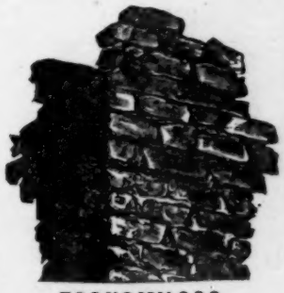

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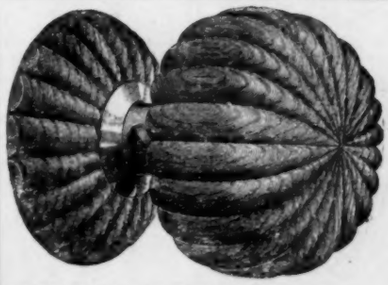

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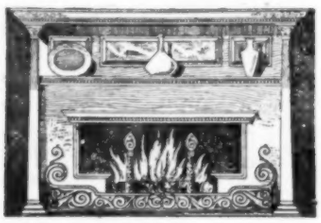

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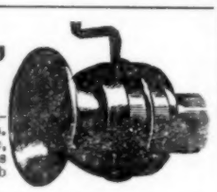

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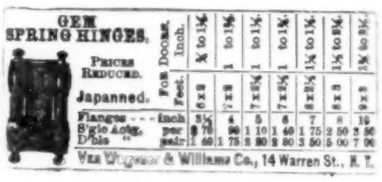

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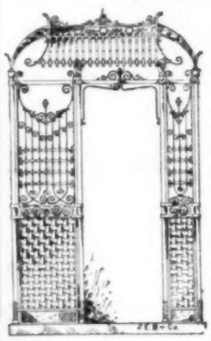

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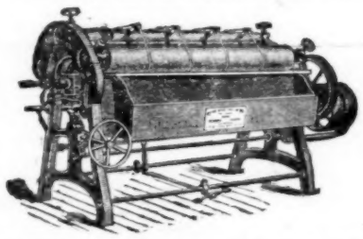

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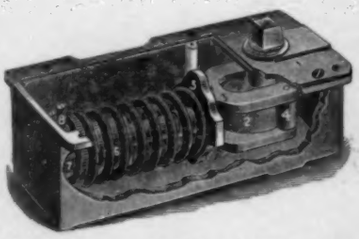

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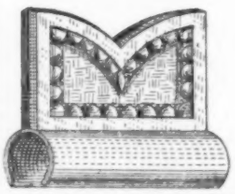

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I don't know how to make the people understand how terribly serious the position is in this Works, where there has been only prosperity for so many years. The men appear simply blind to the signs of the times.

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BUILDING MATERIALS.	New York.	Boston.	Chicago.	Philadelphia.
LUMBER.—₱ M.	(*Wholesale Prices.*)		(*Prices to Builders and Contractors.*)	
Boards: (*Ordinary dimensions.*)				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	30 00 @ 47 00	48 00 @ 55 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce	@ 25 00	14 50 @ 25 00	*Not sold.*	16 00 @ 20 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
Yellow pine	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress	@	31 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine	@	38 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce	@	23 00 @ 38 00	*Not sold.*	*Not sold.*
Framing Timber:				
Pine			12 00 @ 15 00	25 00 @ 37 30
Spruce	14 00 @ 18 00	15 50 @ 18 00	*Not sold.*	16 00 @ 18 00
Hemlock	12 00 @ 16 00	13 00 @ 15 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine	18 00 @ 21 00	22 00 @ 35 00		22 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 50	2 10 @ 2 25	2 75 @ 3 00
Spruce	2 85 @ 3 00	2 35 @ 2 50	*Not sold.*	2 30 @ 3 00
Shingles:				
Pine, shaved ₱ M.	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	30" $35 @ 40
Cedar split ₱ M.	@	@	*Not sold.*	24" 8 @ 21
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	20" 35 @ 14
Cypress. Split....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (*First Qual.*				
Ash [*Kiln-dried.*]	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	90 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood (Mexican)	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 48 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ₱ M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	@ 42 00

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BUILDING MATERIALS.

Reported for the American Architect and Building News.

	New York. (Wholesale Prices.)	Boston. (Wholesale Prices.)	Chicago. (Prices to Builders and Contractors.)	Philadelphia. (Prices to Builders and Contractors.)
BRICK.—₱ M.				In Yard.
Common: *Cargo afloat.*				
Pale	1 75 @ 2 00	Eastern 9 00 @ 10 00	Building Brick @ 6 50	Sq. Hard @ 9 00
Jersey	4 00 @ 4 75			" @ 7 00
Long Island	@	Bay State Hard 7 00 @ 8 00		Salmon @ 5 00
Up River	4 00 @ 4 75	Domestic Com. 9 50 @ 10 00	Indiana Pressed 14 00 @ 20 00	Sq. " @ 9 00
Haverstraw Bay 2d	4 75 @ 5 00	Domestic Face 20 00 @ 22 00	St. Louis Fronts @ 27 00	Light Stretchers @ 10 00
" 1st	5 00 @ 5 25	Philadelphia 40 00 @ 45 00		Medium " @ 12 00
Hollow	@ 13 00	Phila. mould 50 00 @ 80 00	15 00 @ 27 00	Red " @ 13 00
Fronts:		Anderson 14 00 @ 32 00	65 00 @ 350 00	Dark " @ 13 00
Croton, Brown	@ 13 00		@ 55 00	Pressed 18 00 @ 20 00
" dark	@ 14 00		45 00 @ 50 00	Best Paving @ 14 00
" red	@ 14 00		45 00 @	Second " @ 13 00
Chicago pressed (Anderson)			25 00 @	Third " @ 12 00
" Moulded			60 00 @ 100 00	
Baltimore	37 00 @ 41 00		30 @	Dom. @ 65
Philadelphia	23 00 @ 24 00		35 @	@ 85
Trenton	22 00 @ 23 00		55 00 @ 65 00	
Milwaukee			@ 100 00	1 30 @ 1 50
Moulded:			@ 120 00	BS&Co 2 75 @ 3 00
Glens Falls Red Pressed	@ 37 00			2 85 @ 3 25
" " Buff "	@ 30 00		*Not sold.*	2 85 @ 3 15
" " Moulded Red & Buff	45 00 @ 70 00		1 05 @ 1 30	2 75 @ 3 00
Enamelled: *Imp.*			1 00 @ 1 25	2 85 @ 3 15
Enamelled (edge)	85 00 @100 00		2 75 @ 3 25	2 75 @ 2 85
Enamelled (edge and end)	90 00 @115 00		3 00 @ 3 25	Hemmoor
CEMENT, LIME, etc.—(₱ cask.)			3 00 @ 3 25	2 50 @ 2 75
Rosendale Cement	85 @ 95	1 20 @ 1 40	2 90 @ 3 25	2 75 @ 2 85
Louisville "		Brooks, S. & Co.	3 75 @ 4 25	Josson
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	@ 3 20	2 60 @ 2 75
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	3 20 @ 3 40	3 00 @ 3 50
" " (E. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	@	2 75 @ 2 85
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	Cleopatra	
" " (Burnham)	2 80 @ 2 80	2 60 @ 3 00	2 75 @ 3 00	
" " (White's)	2 65 @ 3 00	@ 5 00	3 25 @ 3 50	
" French (Lafarge)	3 60 @ 3 75	3 00 @ 3 50	*Not sold.*	
" German (Alsen)	2 90 @ 3 25	3 15 @ 3 35	*Not sold.*	
" " (Fewer)	2 25 @ 2 40	Cleopatra	2 75 @ 3 00	
" " (Vorwohler)	2 50 @ 2 90	2 55 @ 3 00	2 75 @ 3 25	
" " (Lagerdofer)	@	3 00 @ 3 50	2 75 @ 3 00	
" " (Dyckerhoff)	2 90 @ 3 25		3 00 @ 3 25	
" " (Hanover)	2 50 @ 3 00		6 00 @ 7 00	
" " Stettin, (Anchor)	2 35 @ 2 85		9 00 @ 10 50	
" American (Saylor's)	1 75 @ 2 00	2 15 @ 2 50		
Roman	2 75 @ 3 00	@ 3 00		
Keene's coarse	5 75 @ 6 50	@ 6 00		
" superfine	9 25 @ 10 25	@ 11 50		
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 85	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 95	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	21 @ 25	@ 30	30 @ 35	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ cubic foot, rough.)				
Granite: (Maine)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine	@	10 50 per ton	@ 1 00	₱ Perch @ 4 75

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	New York. (Wholesale Prices.)	Boston. (Prices to Builders and Contractors.)	Chicago.	Philadelphia.
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 1
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst }	90 @ 95	90 @ 1 00	45 @ 50	}
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	55 @ 1 00
Berlin }	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle. English	@ 1 65	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)		4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" green	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" purple	5 00 @ 6 00	10 00 @ 11 00	12 00 @ 14 00	} 50 @ 10 25
" red	@ 10 00	@	6 25 @ 6 85	225 @ 4 00
" black, Lehigh	4 25 @ 4 75	@	7 30 @ 8 00	00 @ 4 65
" " Chapmans	@	@	6 00 @ 9 00	5 50 @ 8 00
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	*Not Sold.*	@ 25 00
Tiles, Am ...℔ M.	@	@	@	6 00 @ 6 75
N. Peach Bottom, warranted unfading	@	@		
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6¾ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7 @ 7½	6¼ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1¾ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	70 @ 5 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ *gal.*)	55 @ 62	44 @ 45	57 @ 60	@ 60
" " boiled	58 @ 65	47 @ 48	60 @ 63	@ 63
Turpentine	36 @ 37	@ 36	51 @ 51	@ 44
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting }	75 @ 1 00	1 @ 1½	1 @ 1½	½ @ 1
Paris white, (Eng.) } *dry.*	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am	5½ @ 6	7 @ 7½	6¼ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 10	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 40	@ 3 65	2 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask
Butts: 4″ x 4″ ...(℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish ...(℔ pair.)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)	@ 8	@ 8	@ 10	@ 08
Mineral, best	@ 50	@ 75	65 @ 80	*Not Sold.*
Lava	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Hemacite	@ 30	@ 10	25 @ 30	@ 25
Porcelain	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, solid	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Glass, silvered	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	@	@	13 @ 16	13½ @ 16
Solder:	@	@ 7½	@ 7	@ 6½
Sheet Lead	@	@ 6½	@ 6½	6 @ 6
Lead Pipe	@		@	@ 2 8-10
Iron:	3 3-10 @ 3½	@ 3 4-10	3 20 @ 3 70	@ 2 8-10
I-Beams, up to and including 36 ft	@	@	3 20 @ 3 70	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@ 4-10		@ 2 8-10
Channel Beams	3 3-10 @ 3½			

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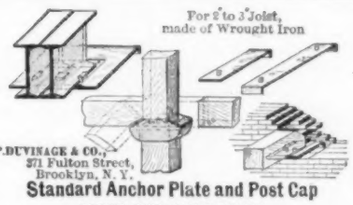

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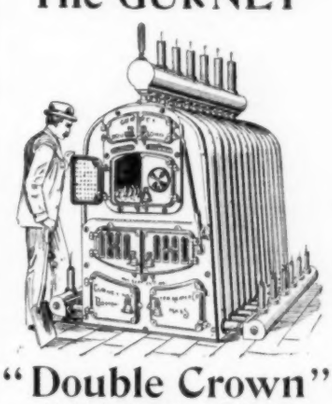

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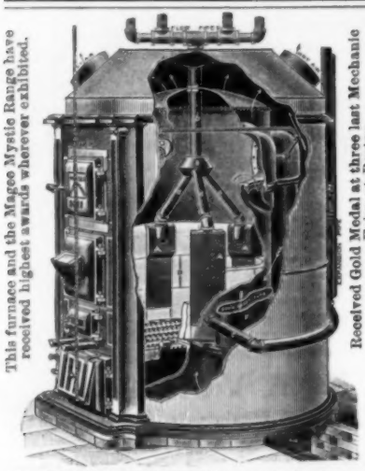

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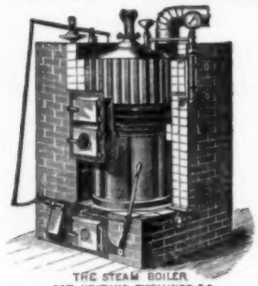

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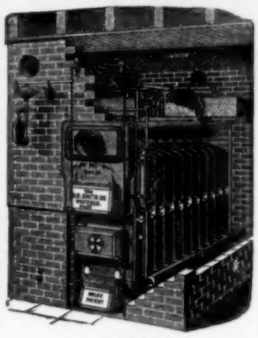

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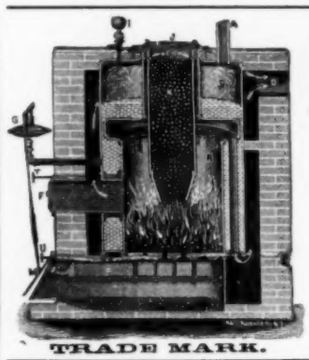

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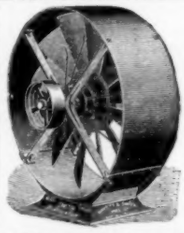

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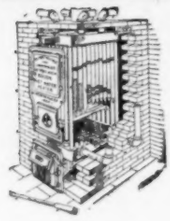

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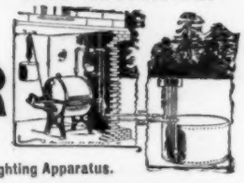

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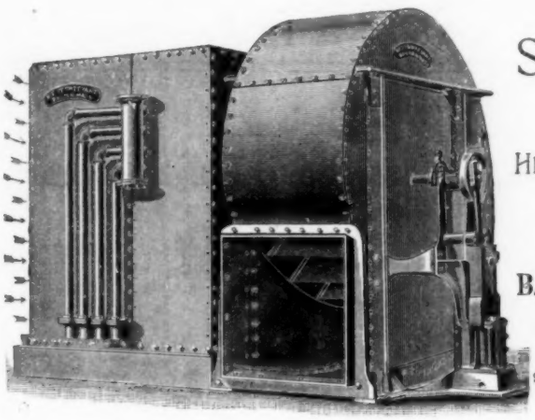

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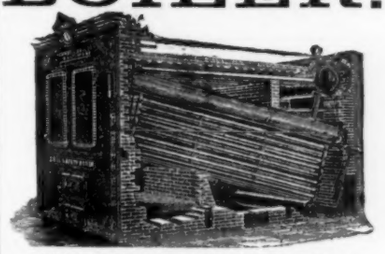

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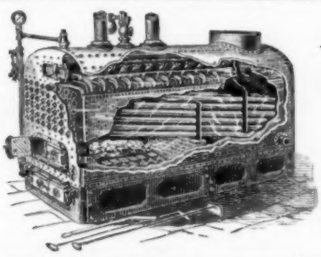

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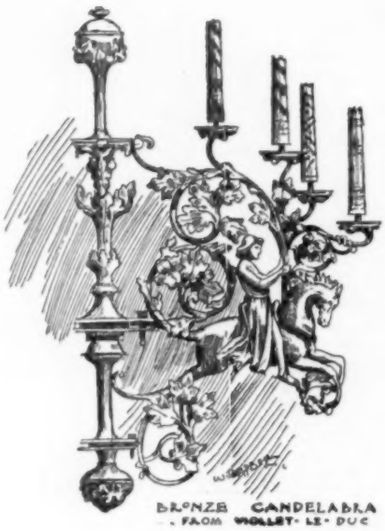

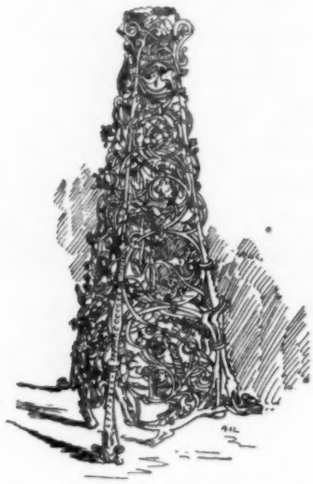

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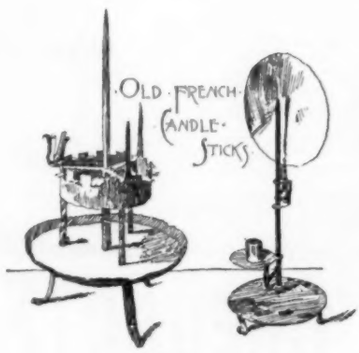

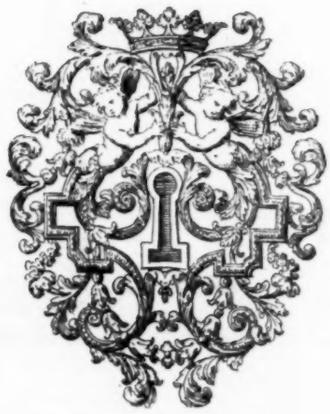

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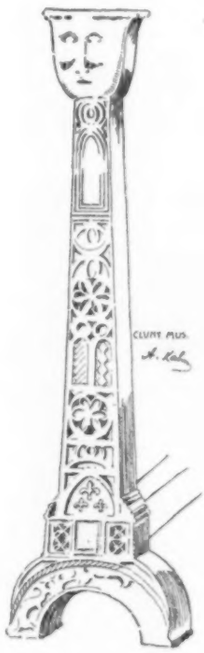

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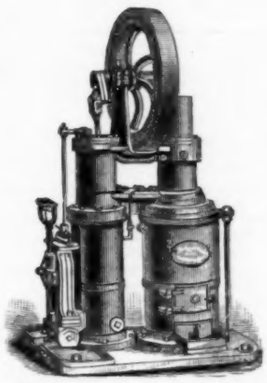

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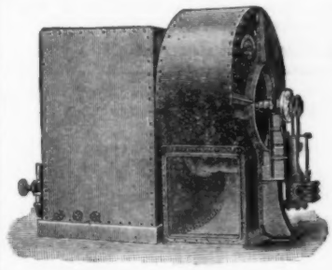

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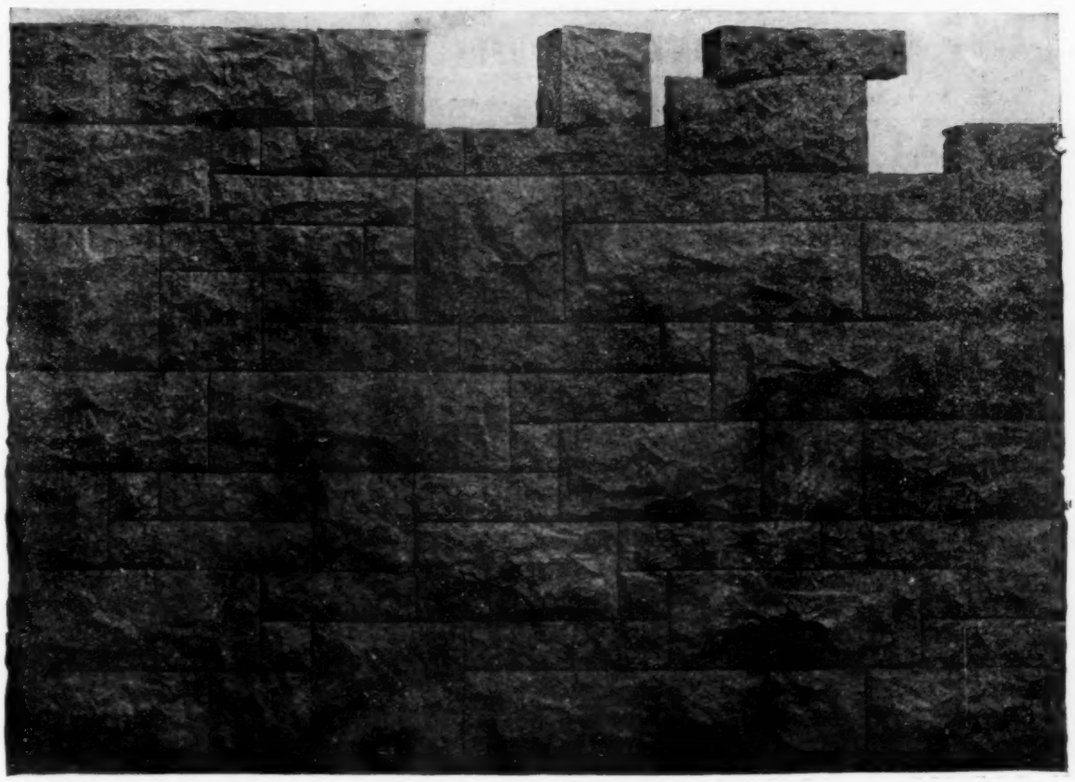

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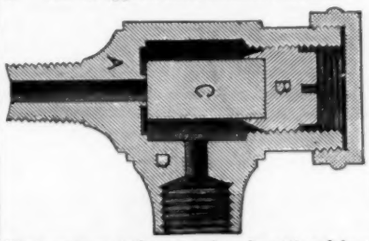

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From Trinidad. — Steamer "*Alps*," 1,200 tons asphaltum, order.

From Windsor, N. S. — Schooner "*Gypsum Prince*," 1,315 tons plaster, J. F. Whitney & Co. Schooner "*Clifton*," 883 tons plaster, J. F. Whitney & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Brooklyn, N. Y. — *Livingston St., No.* 172, three-st'y frame boarding-house, tin roof, two-st'y extension to be raised one story, three-st'y brick extension, tin roof, added; cost, $3,000; owners and architects,

(*Continued on page* xv.)

FACTS ABOUT

HARD OIL FINISH.

PREVENTION BETTER THAN CURE.

It is almost always easier to prevent an evil than to cure one, and this is certainly true of architecture. Miscalculations or mistakes in the preparation of plans for a building might unless discovered and rectified in time prove disastrous, and the truth of the proverb be demonstrated in a rather costly manner.

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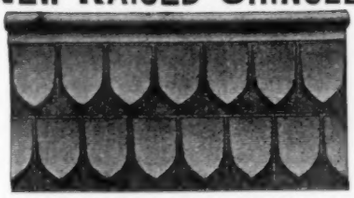

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BUILDING INTELLIGENCE.

C. W. & E. M. Barlow, 38 Irving Pl.; builder, Wm. Winter, 549 Classon Ave.

Bushwick Ave., e s, 35′ n Cooper St., 2 three and two st'y frame stores and dwells., one-st'y brick extension, tin roof, and other alterations; cost, $3,000; owner, John Heutschel, on premises; architects, D. Acker & Son, 752 Broadway.

Hancock St., n w cor. Throop Ave., three-st'y brick store and dwell., tin roof, two-st'y brick extension, tin roof; cost, $4,000; owner, H. Mensuse, 333 De Kalb Ave.; architect, John L. Young, 287 Halsey St.

Camden, N. J.—*Mt. Vernon St.*, s w cor. Second St., alteration to store; owner, C. Day.

Federal St., No. 511, alteration to brick store; owner, Lewis Clark.

Federal St., No. 516, addition to frame dwell.; owner, Wm. Williams.

State St., No. 304, two-st'y brick addition; owner, D. Lummis.

South Third St., alteration and addition to dwell.; owner, John Wartman.

Cooper St., n w cor. Sixth St., addition to dwell.; owner, J. Killinghleck.

Locust St., No. 815, alteration to frame dwell.; owner, Wm. Mitchell.

Berkeley St., No. 555, one-st'y addition to frame dwell.; builder, Jesse F. Willets.

Linden and Third Sts., alteration to brick dwell.; builder, T. M. Heston.

Chicago, Ill.—Edward Hudson, one-st'y addition, 3100-3104 Wabash Ave.; cost, $6,000.

Henry Lueberger, two-st'y addition, 3208 Dearborn St.; cost, $4,000.

Pat. Cannody, three-st'y addition, 3631 Wallace St.; cost, $4,300.

Dr. Peter Fahrney, two-st'y addition, 118 South Hoyne Ave.; cost, $6,000.

Samuel Shaw, one-st'y addition, 236-288 Forty-third St.; cost, $5,000.

Thomas McNeil, one-st'y addition, 238-254 East Jackson St.; cost, $15,000.

John Malkowski, three-st'y front addition, 167 West Chicago Ave.; cost, $3,700.

D. Corbin, three-st'y addition, 509-577 Fifty-first St.; cost, $50,000.

S. A. Barten, two-st'y addition, 150 Michigan Ave.; cost, $10,000.

H. P. Peabody, two-st'y addition, 465-467 North Clark St.; cost, $5,000.

C. C. Hansen, one-st'y addition, 447-449 Cleveland Ave.; cost, $18,000.

Central office-building, four-st'y addition, Dearborn and Washington Sts.; cost, $100,000.

Schuttler & Hotz, two-st'y addition to factory, 13 Sebor St.; cost, $3,000.

I. Walsh, addition, 3713-3723 Hunting Ave.; cost, $4,000.

Haywood & Morrell, five-st'y addition to factory, Rockwell and Taylor Sts.; cost, $25,000.

BUILDING INTELLIGENCE.

Minneapolis, Minn.—W. L. Harris, alteration of store, cor. Fifth St. and First Ave., s; cost, $5,000.

Notre Dame Des Lourdes, addition to Sisters' school; cost, $6,000.

Philadelphia, Pa.—*Somerset and Eighth Sts.*, two-st'y brick addition to factory; owner, John H. Dearnley; architect, Walter H. Geissinger.

Walnut St., s s, w Nineteenth St., addition to church; builders, Thomas Little & Son, 217 Pear St.

Fifty-fourth St. and Wyalusing Ave., four-st'y addition to mill; owner, George Brooks; architect, Fred G. Thorne, 235 North Thirty-sixth St.

Juniper and Sansom Sts., additions to tenement-houses; owner, Willis G. Hall, 524-526 Chestnut St.

Somerville, Mass.—*Davis Square (West Somerville)*, alterations to Studio Building, lodge-room, hall, etc.; owner, J. H. Hobbs; builder, Mr. Farrington; architect, G. Leslie Nichols, Boston.

St. Louis, Mo.—Addition to Spring Avenue School; cost, $9,000; owner, St. Louis public schools; contractor, Scanlon.

Addition to Clay School; cost, $12,000; owner, St. Louis public schools; contractor, Scanlon.

Addition to Ashland School; cost, $14,000; owner, St. Louis public schools; contractor, Scanlon.

Addition to two-st'y stores; cost, $4,000; owner, W. F. Bogard; contract, sub-let.

Three-st'y alteration to dwell.; cost, $5,000; owner, Jos. Murphy; contractor, D. Sullivan.

Addition to foundry; cost, $5,000; owner and contractor, Ette & Henger Mfg. Co.

Wheeling, W. Va.—The building of a $25,000 addition to its club-house is contemplated by the Fort Henry Club.

APARTMENT-HOUSES.

Boston, Mass.—*Irving St., No.* 43, Ward 9, four-st'y brick apartments, flat roof, 23′ x 47′; owners, Lewis & Cohen; builders, Donovan & Brock.

Endicott St., No. 59, cor. Morton St., No. 27, Ward 7, four-st'y brick apartments, flat roof, 22′ x 53′; owners, Freedman & Watchmaker; builder, Isaac Weaver.

Beacon St., No. 784, Ward 22, four-st'y brick apartments, flat roofs, 62′ x 94′; owner and builder, J. Feldmann.

Chicago, Ill.—John Smith, three-st'y flats, 9357 Burnside St.; cost, $3,000.

E. Stephens, four-st'y flats, 170 North May St.; cost, $9,000.

Philip Crede, 2 three-st'y flats, 4501-4503 Wabash Ave.; cost, $10,000.

Valentine & Schwindek, three-st'y flats, 417 Elston Ave.; cost, $4,000.

Clifton & Ogden, 2 three-st'y flats, 1351-1353 Howard St.; cost, $6,000.

John Kolb, three-st'y flats, 1538 West Sixteenth St.; cost, $5,000.

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Robert Stader, 4 two-st'y flats, 112-121 Seventy-second St.; cost, $10,000.

John Felthinse, two-st'y flats, 6100-6102 Sangamon St.; cost, $3,000.

S. Smith, two-st'y flats, Central Park Ave. and Center St.; cost, $3,000.

Henry Reinings, three-st'y flats, 507 South Kedzie Ave.; cost, $7,000.

M. Murray, three-st'y flats, 112 Locust St.; cost, $6,000.

D. A. Wilkins, two-st'y flats, 2939 Armour Ave.; cost, $4,000.

M. Hurtz, four-st'y flats, 495 Thirty-fifth St.; cost, $9,000.

Edwin Cross, two-st'y flats, 6-8 Best St.; cost, cost, $6,000.

Albert Witt, two-st'y flats, 304 Wabansia St.; cost, $3,000.

August Meyer, 2 four-st'y flats, 633-635 West Superior St.; cost, $18,000.

F. Salton, 2 three-st'y flats, 2836 South Park Ave.; cost, $16,000.

E. L. Lasel, 2 two-st'y flats, 5621-5623 Atlantic St.; cost, $7,500.

William Zimmerman, three-st'y flats, 6348 Maryland St.; cost, $6,000.

Mrs. M. A. Raymond, three-st'y flats, 4632 Evans Ave.; cost, $6,000.

Montrose & Cooledge, 2 three-st'y flats, 6036-6038 Oglesby Ave.; cost, $15,000.

Mrs. Lillie Hundt, 4 four-st'y flats, 6438-6442 Stony Island Ave.; cost, $30,000.

B. Hallery, 4 two-st'y flats, 230-236 Seventy-fourth St.; cost, $12,000.

J. H. Clapp, three-st'y flats, 1304 Wrightwood Ave.; cost $5,000.

William Young, two-st'y flats, 7116 Rhodes Ave.; cost, $3,000.

Nulton & Shallcuss, 2 three-st'y flats, 3023-3029 Ellis Ave.; cost, $40,000.

N. Newberg, two-st'y flats, 453 North Paulina St.; cost, $6,000.

C. A. Classon, two-st'y flats, 3247 Arlington St.; cost, $3,000.

James Rincade, three-st'y flats, 1041 Walnut St.; cost, $4,000.

Mary Leany, four-st'y flats, 478 Sedgewick St.; cost, $7,000.

M. Feehan, four-st'y flats, 201 Dearborn Ave.; cost, $15,000.

D. Black, 2 three-st'y flats, 1088-1070 Fulton St.; cost, $10,000.

Theo. Hampden, five-st'y apartment-house, 132-144 Thirty-eighth St.; cost, $70,000.

New York, N. Y. — *Avenue A*, n e cor. Eighty-seventh St., 4 five-st'y brick flats, tin roofs; cost, $79,000; owner, John J. Feehan, 1113 Second Ave.; architect, Edward Wenz, 1491 Third Ave.

One Hundred and Thirty-sixth St., n s, 150′ e Alexander Ave., 3 five-st'y brick flats, tin roofs; cost, $54,000; owner, James T. Barry, 176 Willis Ave.; architects, Neville & Bagge, 250 West One Hundred and Twenty-fifth St.

One Hundred and Tenth St., n w cor. Second Ave., 3 five-st'y brick flats, tin roofs; cost, $66,000; owner, August Jacob, 260 East Seventy-eighth St.; architect, John Hauser, 1441 Third Ave.

Madison Ave., s w cor. One Hundred and Twenty-ninth St., five-st'y brick flat, tin roof; cost, $38,000; owner, John Hickey, 83 East One Hundred and Tenth St.; architect, Edward Wenz, 1491 Third Ave.

One Hundred and Thirty-ninth St., s e cor. Alexander Ave., five-st'y brick flat, tin roof; cost, $22,-600; owners, John & Nicholas Cotter, 630 East One Hundred and Thirty-eighth St.; architect, C. A. Miller, 19 Park Pl.

One Hundred and Fifty-ninth St., n s, 172′ w Courtlandt Ave., four-st'y brick flat, tin roof; cost, $15,000; owner, Chas. D. Ogden, 731 Cauldwell Ave.; architect, M. J. Garvin, 3311 Third Ave.

Eighteenth St., s s, 100′ e Ninth Ave., 2 five-st'y brick flats, tin roofs; cost, $36,000; owner, John H. Sturk, 219 East Eighty-third St.; architect, Frank Wennemer, 204 East Eighty-sixth St.

South Boston, Mass.— *Bolton St.*, three-st'y frame apartments, flat roof, 40′ x 60′; to contain nine suits of five rooms each; contract to be let; architect, J. F. Eaton, Boston.

Third St., three-st'y frame apartment-house, flat roof, 40′ x 60′; to contain 9 suites of five rooms each; contract to be let; architect, J. F. Eaton, Boston.

CHURCHES.

Brooklyn, N. Y. — *Melrose St.*, s s, 250′ e Knickerbocker Ave., one-st'y frame church, shingle roof; cost, $5,000; owner and architect, Evangelische Emanuel Gemeinde, on premises.

Cincinnati, O. — Trustees of U. S. M. E. Church, brick church, Chase St.; cost, $25,000; architects, S. Hannaford & Sons.

New York, N. Y. — *Forrest Ave.*, n e cor. Sixty-sixth St., brick church, peaked shingle roof; cost, $9,000; owner, Congregational Church, 1034 Trinity Ave.; architect, Charles C. Churchill, 1334 Washington St.

Philadelphia, Pa. — *York and Seventeenth Sts.*, brick and stone Methodist church, slate roof; Romanesque style; architect, Frank R. Watson, 518 Walnut St.

Market St., s s, e Fifty-seventh St., brick church; builders, W. A. Arthur & Bro., 216 North Sixth St.

Providence, R. I.— *Orms St.*, n s, n Charles St., two-st'y frame church; owner, Corp. Sons of Israel; architect, Wm. H. Colwell; builder, F. E. Carpenter.

Savannah, Ga. — $40,000 will be expended in completing the Savannah Cathedral from plans by Baldwin & Pennington, architects, Baltimore, Md.

St. Louis, Mo. — One-st'y brick chapel; cost, $3,500; owner, St. Mary's Infirmatory; contractor, Klute.

FACTORIES.

Brooklyn, N. Y. — *Ralph St.*, n s, 150′ e Bushwick Ave., four-st'y brick factory, tin roof; cost, $16,000; owner, P. J. Menehan, Bushwick Ave. and Ralph St.; architect, F. Weber, 209 Manhattan Ave.

New York, N. Y. — *Southern Boulevard*, s s, 100′ w Cypress Ave., six-st'y brick factory, tin roof; cost, $50,000; owner, Jacob Dall, 309 East One Hundred and Eighteenth St.; architect, Louis F. Heinecke, 62 Bowery.

Philadelphia, Pa. — *Wood St.*, n s, e Thirteenth St., five-st'y brick factory; builders, J. E. & A. L. Pennock, 305 Walnut St.

Providence, R. I.—*Allen Ave.*, e s, s Public St., two-st'y frame factory; owner, Jos. Tiffany.

Worcester, Mass. — *Park Ave.*, two-st'y brick factory; owners, Coates Clipper Co.; contractors, G. S. & H. G. Hadley; architects, Barker & Nourse.

HOSPITALS.

New York, N. Y. — *Second Ave.*, n e cor. Twentieth St., six-st'y brick hospital, tin roof; cost, $250,000; owner, New York Post Graduate and Medical School, 222 and 230 East Thirtieth St.; architect, Wm. B. Tuthill, 52 Broadway.

Philadelphia, Pa. — *Carlisle St., No.* 935, three-st'y brick hospital building; builder, F. H. Sanford, 1710 Susquehanna Ave.

Ludlow St., w Thirty-fourth St., hospital; for Dr. Horace Hoskins at the Philadelphia Veterinary Sanitarium; architect, Henry D. Dagit, 706 Walnut St.

HOTELS.

New York, N. Y. — *Sixty-sixth St.*, n w cor. Boulevard, seven-st'y hotel building, concrete roof; cost, $225,000; owner, Wm. C. Flanagan, 2 West Forty-third St.; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.

HOUSES.

Baltimore, Md. — Anton Sicula, 3 two-st'y brick buildings, 1614-1618 Barnet St.

Maximilian Plitt, 12 two-st'y brick buildings, n w s Francis St., bet. Retreat and Kensett Sts.

Wm. F. Collett, 8 two-st'y brick buildings, e s Huntington Ave., beg. cor. Girard Ave.

S. H. & J. W. Lyon, three-st'y brick building and stable, s e cor. Druid Hill Ave. and Robert St.

Wm. Carr, 18 two-st'y brick buildings, s s Lanvale St., bet. Broadway and Ann Sts.

Dr. J. A. Zepp, two-and-one-half-st'y brick building, n e cor. North Ave. and Ninth St.

J. F. Krauss, 6 two-st'y brick buildings, s s Mc-Henry St., e Pulaski St.

Arch. Teal, 2 two-st'y brick buildings, s w cor. O'Donnell St. and East Ave.

Bethayres, Pa. — Three-st'y dwell., slate roof, for John Pitcairn; contractors, J. E. & A. L. Pennock, 305 Walnut St., Philadelphia; architects, Carrère & Hastings, New York City.

Boston, Mass. — *Smith St.*, near Bumstead Lane, Ward 22, three-st'y frame dwell., flat roof, 23′ x 43′; owner, Miss M. Heeney; builder, W. McDonald.

Belle Ave., near Gould St., Ward 23, frame dwell., 20′ x 26′; owner, Sarah E. Wolkins; builder, Alexander Rogers.

Bowdoin St., Nos. 174 *and* 184, Ward 24, two frame dwells., 25′ x 45′; owner, Mrs. Annie Dever; builder, H. J. McNabb.

Florence St., opp. Brooks St., Ward 23, four-st'y frame dwell., pitch roof, 21′ x 30′; owner, F. P. Walloren; builder, C. A. Ulsen.

A St., near Boylston St., Ward 23, frame dwell., 28′ x 48′; owner, Jacob Mack; builder, P. F. Hanlon.

Pond St., near Prince St., Ward 23, three-st'y frame dwell., hip roof, 45.10′ x 54.3′; owner, Mrs. E. G. Rice; builders, J. H. Bert & Co.

Bremen St., No. 208, Ward 1, three-st'y frame dwell., flat roof, 20′ x 31′; owners, T. P. Storey and C. F. Hargrave; builders, Storey & Hargrave.

Ashmont St., near Dorchester Ave., Ward 24, three-st'y frame dwell. and offices, flat roof, 23′ x 30′; owner, C. F. Kittredge; builder, G. D. Crouse.

Ashmont St., near Neponset Ave., Ward 24, frame dwell., hip roof, 29.9′ x 34.9′; owner, L. M. Lee; builder, J. H. Kellar.

Hemlock St., near Washington St., Ward 23, frame dwell., 22′ x 50′; owner, Elizabeth C. Sheehan; builder, S. H. Whittaker.

Custer St., near Goldsmith St., Ward 23, frame dwell., 38′ x 52′; owner, Martin Croffey; builder, John Gately.

Centre St., opp. Sheridan St., Ward 22, three-st'y frame dwell., flat roof, 26′ x 60′; owner, Margaret J. Morgan; builder, Walter Curley.

George St., near Spring St., Ward 25, three frame dwells., 24′ x 28′ and 22′ x 27′; owner and builder, S. J. Wilde.

Highland St., near Cedar St., Ward 21, three-st'y frame dwell., hip roof, 31.6′ x 60′; owner, H. D. Devrar; builder, John Giggy.

Blue Hill Ave., cor. Huckins St., Ward 20, 3 three-st'y brick dwells. and stores, flat roofs, 19′ x 39′; owner, Bennett Norwich; builder, E. E. Fernald.

Brooklyn, N. Y. — *Kosciusko St.*, n s, 360′ e Marcy Ave., 3 two-st'y brick dwells., tin roofs; cost, $4,000 each; owner and builder, M. J. McLoughlin, 100 Kosciusko St.; architects, I. W. Reynolds & Son, 363 Fulton St.

Second St., s s, 240′ e Seventh Ave., 5 three-st'y

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BUILDING INTELLIGENCE.

brick dwells., tin roofs; cost, $30,000; owner and builder, Matilda Nilsson, 77 Woodhull St.; architect, J. W. Bailey, 44 Court St.

Forty-second St., s s, 100′ e Fourth Ave., 5 two-st'y brick dwells., tin roofs; cost, $17,500; owner, E. S. Keogh, 95 Third Pl.

Park Pl., n s, 370′ e Schenectady Ave., 5 two-st'y frame dwells., tin roofs; cost, $1,600 each; owner, architect and builder, F. Dhuy, Jr., 1893 Pacific St.

St. Mark's Ave., s s, 291′ 6″ e Vanderbilt Ave., 2 four-st'y brick dwells., tin roofs; cost, $6,000 each; owner and builder, E. Soderstrom, 686 Bergen St.; architect, W. H. Wirth, 358 Seventeenth St.

St. Mark's Ave., s s, 270′ e Vanderbilt Ave., four-st'y brick dwell., tin roof; cost, $5,000; owner and builder, E. Soderstrom, 686 Bergen St.; architect, W. H. Wirth, 358 Seventeenth St.

South First St., n s, 133′ 6″ e Bedford Ave., 2 four-st'y brick dwells., tin roofs; cost, $10,000 each; owner, M. H. Smith, Yonkers, N. Y.; architect, Benj. Finkensieper, 93 Broadway.

St. Nicholas Ave., w s, 44′ e Harman St., two-st'y frame dwell., tin roof; cost, $3,500; owner and builder, T. H. Werner, 493 Marcy Ave.; architect, W. Bevills, 504 Hart St.

Bedford Ave., w s, 35′ s Prospect Pl., 3 four-st'y brick dwells., tin roofs; cost, $30,000; owner, Henry Carson, Bedford and Fulton Sts.; architect, Wm. Danmar, Atlantic and Van Sicien Aves.; builder, A. W. Blazo, 316 Lewis Ave.

Prospect Pl., s s, 80′ w Bedford Ave., four-st'y brick dwell., tin roof. cost, $7,000; owner, H. Carson, Bedford and Sutter Ave.; architect, Wm. Danmar, Atlantic and Van Sicien Aves.; builder, A. W. Blazo, 316 Lewis Ave.

Jefferson Ave., s s, 92′ 6″ w Central Ave., 5 two-st'y frame dwells., tin roofs; cost, $3,000 each; owner, C. F. Gastmeyer, 623 Evergreen Ave.

Schenck St., e s, 125′ n Dumont Ave., two-st'y frame dwell., tin roof; cost, $3,000; owner, L. Max, 582 Barbey St.

Liberty Ave., n s, 47′ w Stuyvesant Ave., four-st'y brick dwell., tin roof; cost, $9,500; owner, A. Lang, 38 Meeker Ave.; architect, F. J. Lessing, 91 Ralph Ave.

Seventh St., n s, 79′ w Sixth Ave., four-st'y brick dwell., tin roof, cost, $7,500; owner, James Cochran, 499 Fourth Ave.; architect, P. Tillion, 202 Manhattan Ave.

Thirtieth St., s s, 110′ w Fourth Ave., 12 two-st'y frame dwells., tin roofs; cost, $1,800 each; owner, architect and builder, Wm. E. Kay, Blythebourne, L. I.

Moffett St., n s, 125′ e Bushwick Ave., 10 two-st'y frame dwells., tin roofs; cost, $3,300 each; owners, architects and builders, George Fletcher & Sons, 38 Grove St.

Moffett St., s s, 200′ e Bushwick Ave., 10 two-st'y frame dwells., tin roofs; cost, $3,300 each; owners, architects and builders, George Fletcher & Sons, 38 Grove St.

Stanhope St., s s, 110′ w St. Nicholas Ave., two-st'y frame dwell., tin roof; cost, $3,500; owner and builder, N. Lynch, 370 Stanhope St.; architect, Ernest Dennis, 115 Himrod St.

Cambridge, Mass. — *Oxford St.*, frame dwell., 35′ x 50′; cost, about $8,000; owner, Walter A. Claflin; builder, Chester Sprague; architect, G. Leslie Nichols, Boston.

Camden, N. J. — *Sylvan St.*, n w cor. Seventh St., frame dwell.; owner, T. F. Adams.

Reeves Oil Works, two brick dwells.; owner, Aaron Ward.

Seventh St., e s, below Birch St., 5 two-st'y brick dwells.; owner, Chas. L. Reeves.

Chicago, Ill. — George Hood, 2 three-st'y dwells., 6487-6439 Ridge St.; cost, $15,000.

Frank Englest, two-st'y dwell., 9528 Commercial Ave.; cost, $4,000.

John Roberts, 3 two-st'y dwells., 4802 Vincennes Ave.; cost, $4,000.

J. Naphski, two-st'y dwell., 7546 Ford St.; cost, $4,500.

Adolph Schoeninger, two dwells., 1820-1824 Melrose St.; cost. $25,000.

Faulin & Clark, 7 two-st'y dwells., Wharton Ave. and Sixty-second St.; cost, $35,000.

L. Fleishern, three-st'y dwell., 283-285 Lake View Ave.; cost, $20,000.

I. T. Kearney, two-st'y dwell., 35 Lane Pl.; cost, $8,000.

S. O. Gordon, 7 two-st'y dwells., 4750-4758 Champlain Ave.; cost, $35,000.

John Clay, Jr., three-st'y dwell., 4045-4058 Lake Ave.; cost, $25,000.

Sarah Strubb, two-st'y dwell, 169-191 Humboldt Boulevard; cost, $6,000.

Cincinnati, O. — Jacob Zimplemann, frame dwell., Elizabeth St.; cost, $2,500; architects, Meyer & Waltz.

Charles Crawford, two-and-one-half-st'y frame dwell., Wells St.; cost, $1,800; architect, M. Fisher.

E. H. Huenefeld, two-and-one-half-st'y double brick and stone dwell., Kinney Ave.; cost, $6,000; architects, Rieg & Marty.

Eliza Deutsch, brick and frame dwell., Grandview Ave.; cost, $15,000; architects, Des Jardines & Hayward.

BUILDING INTELLICENGE.

James W. Jeynes, two-and-one-half-st'y brick and stone dwell., Glendora Ave.; cost, $3,500; architect, W. C. Lawrence.

John Vanderhide, two-st'y frame dwell., Ida St.; cost, $2,500; architect, J. R. James.

S. M. Cooper, two-st'y frame dwell., Kinsey Ave.; cost, $2,500; architect, J. A. James.

S. E. Kellar, two-st'y brick and stone dwell., Chase St.; cost, $2,600; architect, Mr. Gilfellen.

Crawford, N. J. — Mrs. Seabury Doane Brewer, dwell.

Dorchester, Mass. — *Merlin St.*, two frame dwells., one 27′ x 38′, and one 28′ x 44′; owner, Joseph P. B. Carleton; architect, Willard M. Bacon, Boston.

Harvard St., frame dwell., 39′ x 42′; old colonial style; cost, $7,000; owner, Henry A. Brown; builder, J. A. Leslie; architect, Willard M. Bacon, Boston.

Jenkintown, Pa. — Frame and stone dwell. for M. L. Kohler; architect, Angus S. Wade, 46 and 47 Hale Building, Philadelphia.

Malden, Mass. — *Forest St.*, three frame dwells., each 23′ x 40′; three dwells., 25.6′ x 30′; two frame frame dwells., 23.6′ x 30′; owner, O. E. Lewis; contracts to be let; architect, Willard M. Bacon, Boston.

Manchester-by-the-Sea, Mass. — Frame dwell., 38′ x 72.6′; also frame stable, 31′ x 38′; contracts to be let; owner, Rev. Leander T. Chamberlain; architect, Willard M. Bacon, Boston.

New Bedford, Mass. — *Hawthorn St.*, frame dwell., 41′ x 49′; old colonial style; owner, Edward T. Pierce; contract to be let; architect, Willard M. Bacon, Boston.

New York, N. Y.—*Anthony Ave.*, e s, 419′ s Burnside Ave., three-st'y brick and frame dwell., peak shingle roof; cost, $5,000; owner, James Buskhout, Burnside Ave. and One Hundred and Seventy-eighth St.

Clifton St., s s, 84′ 9″ e Teuton Ave., three-st'y brick and frame dwell., tin roof; cost, $5,000; owner, Leopold Vath, 2941 Third Ave.; architect, F. J. Miller, 747 East One Hundred and Sixty-third St.

Creston Ave., e s, 40′ s Wellesley St., three-st'y stone and frame dwell., peak shingle roof; cost, $4,000; owner, John T. Donnelly, 2699 Creston Ave.; architect, C. C. Churchill, 1335 Washington Ave.

Seventy-fifth St., n s, 100′ w West End Ave., 5 five-st'y brick dwells., mansard tin and tile roofs; cost, $200,000; owner, Charles G. Judson, 102 West Eighty-first St.

One Hundred and Eighth St., s s, 80′ e Riverside Drive, three-st'y brick dwell., tin roof; cost, $30,000; owner, Wm. G. Collins, East Orange, N. J.; architect, A. B. Ogden, Jr., 1031 Madison Ave.

Philadelphia, Pa. — *Twelfth St.*, s McKean St., 5 two-st'y and 2 three-st'y brick dwells.; owners, Gillen & Hennon, n e cor. Fifteenth and Tasker Sts.

Field St., n s, w Twelfth St., 5 two-st'y brick dwells.; owners, Gillen & Hennon, n e cor. Fifteenth and Tasker Sts.

Warfield St., e s, n Reed St., 7 two-st'y brick dwells.; builder, John Marshall, 911 South Eighteenth St.

Dupont St., n s, e Ridge St., three-st'y brick dwell.; builder, C. T. Rambo, East Levering St.

Adam St., s s, w Washington Lane, 2 three-st'y brick dwells.; builder, Thos. J. Carman, 133 Rittenhouse St.

Manayunk Ave., s w cor. Kalos St., three-st'y brick dwell.; builder, C. C. Bartle, Thirty-third St., w Lehigh Ave.

Twenty-second St., w s, w Mentor St., three-st'y brick dwell.; builder, Chas. Roth, 432 Huntingdon St.

Reese St., w s, s Pike St., two-st'y brick dwell.; builders, Geo. Doring & Son, 2040 Hancock St.

Richmond St., n w cor. Buckins St., two-st'y brick dwell.; builder, A. W. Linn, 4767 Garden St.

Palethorp St., e s, n Somerset St., 2 two-st'y brick dwells.; owner, T. W. Smaltz, Hutchinson St.

Park Ave., w s, w Somerset St., brick dwell.; owner, E. B. Millett, 2030 North Thirteenth St.

BUILDING INTELLIGENCE.

Walnut St., n s, w Morton St., 4 two-st'y brick dwells.; builder, B. L. Collom, Independent Building, Germantown.

Torresdale St., n s, w Bridge St., three-st'y brick dwell.; builder, Thomas Walters, Melrose St. and Frankford Ave.

Fifth St., w s, n Allegheny Ave., 9 two-st'y brick dwells.; owner, D. M. Collamer, s w cor. Broad St. and Germanton Ave.

William St., s e cor. Church St., two-st'y brick dwell.; owner, Anna B. Griffiths, cor. Church and School Sts.

Fairhill St., n w cor. Indiana Ave., three-st'y brick dwell.; builder, John C. Glattle, 631 Indiana Ave.

Point Allerton (Hull), Mass. — Frame dwell. and stable; cost, abt. $7,000; owner, I. G. Rothenberg; contract to be let; architect, Charles J. Bateman, Boston.

New York, N. Y.—*Sedgwick Ave.*, w s, 250′ n Hampton St., three-st'y brick and frame dwell., peak shingle roof; cost, $15,000; owner, Robert Miles, 38 Broad St.; architects, Brunner & Tryon, 38 Union Square.

Providence, R. I.— *Chapin Ave.*, s s, two-st'y frame dwell., French roof; cost, $6,000; owner, J. L. Tift; builder, Geo. L. Card.

Cranston St., n s, near Althea St., two-st'y frame dwell.; cost, $4,000, owner, C. F. Seabury; builder, Daniel Leddy.

St. Louis, Mo.— Two-and-one-half-st'y brick dwell.; cost, $3,480; owner, C. Gubser; contractor, B. Dengler.

Two-st'y brick dwell.; cost, $3,400; owner, Dr. A. Fuhrman; contractor, F. Raulys.

Two-and-one-half-st'y brick dwell.; cost, $4,000; owner, B. Schoekelborg; contractor, Koerster.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, Ed. Murphy.

Two-and-one-half-st'y brick dwell.; cost, $9,000; owner, F. W. Peters; contractor, W. A. Bormans.

Two-st'y brick parsonage; cost, $4,500; owner, D. Lavery; contractor, Scanlon.

Two-st'y brick dwell.; cost, $3,500; owner and contractor, W. F. Seybold.

Two-st'y brick dwell.; cost, $4,400; owner, E. Bierbauer; contractor, L. Horman.

Two-st'y brick parsonage; cost, $2,700; owner, German Ev. Luth. Congregation; contractor, E. Brockes.

One-and-one-half-st'y brick dwell.; cost, $2,500; owner, J. H. Sandbothe; contractor, Slocoke.

One-and-one-half-st'y brick dwell.; cost, $2,500; owner, H. Kueller; contractor, Sloceke.

Two-st'y brick dwell.; cost, $4,000; owner, H. Hobson; contractors, Crawford & Crosswell.

Two-st'y brick dwell.; cost, $7,000; owner, R. P. Hanenkamp; contractor, C. Valleroy.

Two-st'y brick dwell.; cost, $3,800; owner, J. Bruegeman; contractor, F. Giese.

One-and-one-half-st'y brick dwell.; cost, $3,000; owner, W. J. Hunska; contractor, T. Hall.

Three-st'y brick dwell.; cost, $4,500; owner, J. Keller; contractor, J. Schott.

Two-st'y brick dwell.; cost, $2,600; owner, Dr. Trittman; contractor, G. F. Mueller.

Two-and-one-half-st'y brick dwell.; cost, $3,500; owner, Mrs. M. L. Carlon; cyntractor, J. A. Quinn.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, M. Mummert.

Strawberry Hill, Mass. — Frame dwell., 30′ x 40′; with piazza all around; cost, abt. $4,000; owner, Manuel Nathans; contract to be let; architect, Charles J. Bateman, Boston.

Wingohocking Heights, Pa.— Six three-st'y stone dwells., shingle roofs; architect, M. Fielding, 110 South Fourth St.

Winthrop, Mass.—*Woodside Ave.*, frame dwell., 23′ x 40′; contract to be let; owner and architect, Willard M. Bacon, Boston.

Frame dwell., 30′ x 42′; with veranda; hard-wood finish; cost, abt. $12,000; contract to be let; architect, Charles J. Bateman, Boston.

Worcester, Mass. — *Gates Lane*, two-and-one-half-st'y frame dwell.; owner, A. Wakefield; contractor, C. A. King.

Gage St., one-and-one-half-st'y frame dwell.; owner, M. P. Cahill; contractor, J. A. Kennedy.

Maywood St., one-and-one-half-st'y frame dwell.; owner, C. H. Kinney; contractor, Geo. M. Hubbard; architect, W. H. Harvey.

June St., two-st'y frame dwell.; owner, W. E. Atherton; contractors, G. S. & H. G. Hadley; architects, E. Boyden & Son.

Farnum St., 2 one-and-one-half st'y frame dwell.; owner and contractor, J. B. Tucker.

Southbridge St., three-st'y frame dwell.; owner, Dennis Shea; contractor, J. A. McDermott.

Southbridge St., three-st'y frame dwell.; owner, Dennis Shea; contractor, J. A. McDermott.

Geneva St., one-and-one-half-st'y frame dwell.; owner, J. A. Joslin; contractor, T. M. Anderson.

Malvern Road, 2 one-and-one-half-st'y frame dwells.; owner, J. S. Perry; contractor, Wm. O. Burns.

Seymour St., three-st'y frame dwell.; owner, Andrew Jenberg; contractors, Bernstrom & Olson.

Park Ave., two-st'y frame dwell.; owner and contractor, W. Ford.

South Harding St., three-st'y frame dwell.; owner, Mrs. Hannah Haffey; contractor, Wm. Power.

OFFICE-BUILDINGS.

Chicago, Ill.— Phil Boenig, two-st'y office and flats, 327-329 Hoyne Ave.; cost, $3,000.

New York, N. Y.— *Montgomery St.*, n w cor. South-St., six-st'y brick office-building, tin roof; cost, $21,-800; owner, N. Y., N. H. & H. R. R. Co., New Haven Conn.; architect, F. S. Curtis, New Haven, Conn.

Lynchburg, Va.— The Chesapeake & Ohio R. R. Co, contemplate the building of a passenger station, to cost about $60,000.

Philadelphia, Pa.—*Arch St., No.* 237, four-st'y brick office; owner, Berger Bros., 237 Arch St.

Chelten Ave., s s, w Main St., three-st'y brick office; builder, H. H. Buzby, 5258 Main St., Germantown.

SCHOOL-HOUSES.

Brooklyn, N. Y. — *Thames St.*, s e cor. Vandervoort Pl., four-st'y brick school-house, slate and tin roof; cost, $125,000; owner, Board of Education, 131 Livingston St.; architect, J. W. Naughton, 131 Livingston St.

New York, N. Y. — *Washington St., Albany St. and Carlisle St.*, three-st'y brick school, tin roof; cost, $80,000; owner, N. Y. City mayor, aldermen and commonalty; architect, C. B. Snyder, 146 Grand St

Eightieth St., s s, 150′ e Third Ave., four-st'y brick school, tin roof; cost, $65,000; owner, City of New York, City Hall, N. Y.; architect, C. B. J. Snyder, 146 Grand St.

STABLES.

Boston, Mass.—*Albany St.*, near East Chester Park, Ward 17, two-st'y brick stable, pitch roof, 65′ x 102′; owner, City of Boston; builders, Sampson Clark & Co.

Reading St., near Maiden Lane, Ward 20, two-st'y frame stable, 30′ x 95′; owner, Martin Fay; builder, A. B. Sherman.

Bond St., rear, near Rockwood St., Ward 23, one-st'y frame stable, pitch roof, 29′ x 62′; owner, Alfred Bowditch; builder, P. C. Baker.

Camden, N. J.—*Emerald St., No.* 428, two st'y brick stable; owner, W. A. Harden.

Sylvan St., No. 930, one-st'y frame stable; owner, Wm. Newton.

Cincinnati, O.—Nat. C. Davis, two-st'y frame stable, Grandin Road; cost, $3,000; architects, Stickney & Austin.

New Orleans, La.—Stable, to cost about $10,000, will be built by the New Orleans City and Lake Railway Co.

New York, N. Y.— *Seventy-seventh St., Nos.* 431-433, two-st'y brick stable, tin roof; cost, $6,500; owner, Winfred Bowes, 435 East Seventy-seventh St.; architect, Adolph Schellinger, 10 West One Hundred and Thirty-fifth St.

West Thirty-eighth St., No. 538, three-st'y brick stable, tin roof; cost, $10,000; owner, Michael J. Leonard, 331 West Thirty-seventh St.; architect, James W. Cole, 403 West Fifty-first St.

Ninety-sixth St., n s, 150′ w Ninth Ave., four-st'y brick stable, tin roof; cost, $35,000; owner, Walter D. Gubner, 595 St. Marks Pl., Brooklyn; architect, S. M. Holder, Arbuckle Building, Brooklyn.

Philadelphia, Pa. — *Walnut Lane*, s s, w Germantown Ave., two-st'y brick stable; builder, Geo. H. Minner, 5252 Germantown Ave.

Second St., e s, n Chew St., one-st'y brick stable; owner, Peter Klied, e s, n Chew St.

K St., e s, n Tioga St., two-st'y brick stable; builder, Geo. Strob, 1815 Wensley St.

Perth St., e s, n Parrish St., two-st'y brick stable; builder, Wm. Kee, Jr., 893 North Seventh St.

Comly St., n s, e Torresdale St., two-st'y brick stable; builder, H. P. Castor, 5811 Torresdale St.

Seventy-seventh and Brewster Sts., two-st'y brick stable; owner, Wm. Holt, cor. Seventy-seventh and Brewster Sts.

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GENERAL OFFICES, - - - - 8 Oliver Street, BOSTON.

BUILDING INTELLIGENCE.

Worcester, Mass.—*Hathaway St.*, one-and-one-half-st'y frame stable; owner, J. M. Gray; contractor, Geo. M. Hubbard.

June St., one-and-one-half-st'y frame stable; owner, J. W. Robinson; contractor, C. A. Collins.

Malvern Road, one-and-one-half-st'y frame stable; owner, J. S. Perry; contractor, Wm. O. Burns.

Mount Ave., one-and-one-half-st'y frame stable; owner, Treffie Tougas; day work.

Park Ave., one-and-one-half-st'y frame stable; owner, Mrs. Abby Wiggins; contractor, W. Ford.

Pleasant St., one-st'y frame stable; owner, Lewis Hopkins; contractor, C. Hubbard.

Lincoln Ave. one-st'y frame stable; owner, Mrs R. S. Chapin; day work.

STORES.

Boston, Mass.— *Hanover St.*, opp. Battery St., four-st'y brick stores and tenements, flat roof, 32′ x 77′; owner, Mrs. B. Williams; contract to be let; architect, Charles J. Bateman, Boston.

Brooklyn, N. Y. — *Myrtle Ave.*, s e cor. Lewis Ave., 3 four-st'y brick stores and dwells., tin roofs; cost, $8,000 each; owner and builder, J. Bossert, 61 Lewis Ave.; architect, Th. Engelhardt, 905 Broadway.

Blake Ave., s w cor. Powell St., 3 three-st'y frame stores and dwells., tin roofs; cost, $4,500 each; owners and builders, Frank & Rouch, Eastern Parkway, near Watkins St.; architect, A. J. Warren, 2581 Atlantic Ave.

Blake Ave., s s, 75′ w Powell St., three-st'y frame store and dwell., tin roof; cost, $4,000; owners and builders, Frank & Rouch, Eastern Parkway, near Watkins St.; architect, A. J. Warren, 2581 Atlantic Ave.

Hart St., n s, 150′ e Hamburg Ave., 2 three-st'y frame stores and dwells., tin roofs; cost, $5,000 each; owners, M. & J. Deinhard, 762 Hart St.; architect, Henry Vollweiler, 483 Hart St.

Greene Ave., s s, 100′ e Central Ave., 4 three-st'y frame stores and dwells., tin roofs; cost, $4,500 each: owner, Otto Singer, 1175 Greene Ave.; architect, Henry Vollweiler, 483 Hart St.

Fulton St., n w cor. Shepherd Ave., 2 one-st'y frame stores, tin roofs; cost, $5,000; owner, Chas. Werman, Chestnut St.; architect, A. McClean, Ridgewood Ave.

Kossuth Pl., n s, 75′ e Broadway, four-st'y brick store and dwell., tin roof; cost, $16,000; owner, M. J. Huchthausen, 871 Putnam Ave.; architect and builder, G. H. Bohman, 871 Putnam Ave.

Classon Ave., n w cor. Greene Ave., four-st'y brick store and dwell., tin roof; cost, $10,000; owner and builder, Martin Byrne, 391 Classon Ave.; architect, Thos. F. Houghton, Fulton St.

Camden, N. J. — *Tenth St.*, w s, above Ferry Ave., one-st'y frame store; owner, Alex. Taylor.

Chicago, Ill. — John Konkol, three-st'y store and flats, 1646-1648 Twenty-second St.; cost, $9,000.

Joseph Hameski, two-st'y store and flats, 9039 Superior St.; cost, $5,000.

N. O. Budd, stores and flats, 600-602 Fifty-ninth St. and 5858-5860 Wright St.; cost, $25,000.

Ole. Ellertsen, three-st'y store and flats, 133 Humboldt St.; cost, $3,500.

A. Bodi, three-st'y store and flats, 3520 Portland Ave.; cost, $6,500.

G. N. Higgins, three-st'y store and flats, 735 North Ave.; cost, $7,000.

Ed. Vailoth, 4 four-st'y stores and flats, 5421-5427 Lake Ave.; cost, $50,000.

BUILDING INTELLIGENCE.

M. Hall, 3 three-st'y stores and flats, 74-76 West Indiana St.; cost, $15,000.

John Unzitig, two-st'y store and flats, 178 Heine St.; cost, $3,500.

Fred B. Clark, 9 four-st'y stores and flats, Fifty-fifth St. and Ellis Ave.; cost, $85,000.

George Brady, 2 four-st'y stores and flats, Fifty-fifth and Jefferson Sts.; cost, $40,000.

Charles Umath, 6 three-st'y stores and flats, 360-368 Loomis St.; cost, $30,000.

New York, N. Y.—*South Fifth Ave., No.* 136, six-st'y brick store, tin roof; cost, $15 000; owner, James M. Fitzgerald, 135 South Fifth Ave.; architect, Chas. E. Hadden, 102 South Fifth Ave.

One Hundred and Second St., s s, 125′ e First Ave., three-st'y brick store, tin roof; cost, $5,000; owner, Hannah Michael, 422 East One Hundred and Twentieth St.; architect, Adolph Pfeiffer, 3968 Third Ave.

One Hundred and Second St., s s, 345′ e First Ave., three-st'y brick store, tin roof; cost, $7,000; owner, Bridget Hogan, 1614 Lexington Ave.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

Dover St., n e cor. Water St., seven-st'y brick store, tin roof; cost, $40,000; owner, Joseph Goldstein, 216 Henry St.; architect, Charles Rentz, 153 Fourth Ave.

Columbus Ave., w s, 76′ 8″ n Eightieth St., three-st'y brick store, tin roof; cost, $10,000; owner, Alexander D. Duff, 1283 Madison Ave.; architect, Clarence True, 102 West Eighty-first St.

One Hundred and Twenty-fifth St., n s, 100′ e Seventh Ave., three-st'y brick store, tin roof; cost, $20,000; owner, Heiliver Wolf, 167 Broadway; architect, J. Averit Webster, 217 West One Hundred and Twenty-fifth St.

Philadelphia, Pa. — *Church St.*, n w cor. Musgrove St., two-st'y brick store; builder, Wm. Garvin, 5008 Adams St.

Germantown Ave., n e cor. Eighteenth St., two-st'y brick store; builder, James Mole, 1718 Cayuga St.

Cherry St., s e cor. Tenth St., four-st'y brick store; builder, Geo. W. Raynor, 424 North Twelfth St.

St. Louis, Mo. — Two two-st'y brick stores and dwells.; cost, $10,000; owner, J. Schwenkert; contractor, Strauder.

Two-st'y brick store and dwell.; cost, $2,600; owner, Pat Hart; contretor, B. Hetz.

Two st'y brick dwell.; cost, $16,000; owner, Aug. Hauschild; contractors, H. Abrahams & Co.

TENEMENT-HOUSES.

Boston, Mass. — *Terrace St., Nos.* 41 to 47, Ward 22, 4 three-st'y brick tenements, flat roofs, 20′ x 32′; owner and builder, Lomer Labaise.

Charlestown, Mass.—*Off Main St.*, three-st'y frame tenements, 26′ x 30′; cost, abt. $4,000; owner, Walter Mash; contract to be let; architect, Charles J. Bateman, Boston.

Montreal, Can. — *Beaudry St.*, tenement-house; owner, J. B. Mailhiot; architect, Vincent Lacombe, 897 Catherine St.

New York, N. Y. — *Amsterdam Ave.*, w s, 75′ s One Hundred and Sixty-ninth St., four-st'y brick tenement, tin roof; cost, $12,000; owner, John Lechthaler, One Hundred and Sixty-eighth St. and Fort Washington; architect, Henry Fouchaux, Eleventh Ave. and One Hundred and Sixty-second St.

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THEATRES.

Chicago, Ill. — Hardy Scenery Co., one-st'y underground theatre, 1635-1637 Wabash Ave.; cost, $120,000.

WAREHOUSES.

Baltimore, Md. — John Stinson will build five-st'y brick warehouse, 326-328 Holliday St.

G. Rosenfield will build two iron warehouses, e s Warner St., s Alluvia St.

Chicago, Ill.—Morris Drive Well Point Co., five-st'y warehouse and two-st'y addition, 123-125 La Salle Ave.; cost, $30,000.

N. K. Fairbanks & Co., five-st'y warehouse, 1801-1807 Lake Ave.: cost, $50,000.

New York, N. Y.—*One Hundred and Seventeenth St.*, n s, 638' e Avenue A, one-st'y brick warehouse, peaked, slate roof; cost, $17,000; owner, R. H. Wolfe & Co. Ltd., One Hundred and Seventeenth St. a d Harlem River; architects, Buchman & Deisler, 8 West Twenty-ninth St.

Columbus Ave., s e cor. Sixty-seventh St., eight-st'y brick storage warehouse, tin roof; cost, $80,000; owner, Conrad Michaels, 155 Columbus Ave.; architects, Thom & Wilson, 1267 Broadway.

MISCELLANEOUS.

Boston, Mass. — *Kemble St.*, cor. Gerard St., Ward 20, four-st'y brick storage, flat roof, 125' x 132.6'; owner, Pearson Cordage Co.; builder, Herman Drake.

Austin St., rear, on line of B. & M. Railroad, Ward 5, one-st'y brick boiler house and storage, pitch roof, 20' x 35'; owner, Boston & Maine Railroad; builder, H. Bissell.

Dorr St., near Ames St., Ward 15, one-st'y frame foundry, 96' x 237'; owners, F. B. Foster & Co.; builder, T. Raynor.

Cambridge, Mass.—Brick building for astronomical purposes, three stories, flat roof, 30' x 60'; fireproof construction; cost, $15,000; owner, Harvard College; builder, F. B. Furbish; architect, G. Leslie Nichols Boston.

Charlottesville, Va. — Contract has been awarded for the gymnasium building at the University of Virginia, to cost $22,389.66.

Chicago, Ill.— Garfield Park M. E. Church, foundation, Walnut and Kedzie Sts.; cost, $6,000.

A. Bergman, four-st'y storage house, 129 Lincoln St.; cost, $12,000.

Macon, Ga. — The Knights of Pythias are to build a three-st'y hall, to cost about $35,000.

New York, N. Y.—*East Houston St., No.* 418, six-st'y brick workshop, tin roof; cost, $6,000; owner, Ignatz Glick, 188 Stanton St.; architects, Horenburger & Straub, 122 Bowery.

Laight St., s w cor. Collister St., six-st'y brick workshop, tin roof; cost, $25,000; owners and architects, Horgan & Slattery, Sheepshead Bay, L. I.

Philadelphia, Pa. — *Jefferson St.*, n s, w railroad, one-st'y brick dye house; builder, B. L. Collom, Independent Building, Germantown.

Frankford Ave., e s, s Stiles St., three-st'y brick mill; builder, Thomas Walters, Melrose St. and Frankford Ave.

Nineteenth St., w s, s Race St., four-st'y museum building; owner, Geo. F. Payne & Co., 401 South Juniper St.

Pine St., No. 631, three-st'y publishing house; builder, Geo. L. Harvey, 1608 Spruce St.

Wistar St., w s, e Reading Railroad, three-st'y brick mill; builder, Frank May, Forty-third and Wistar Sts.

St. Louis, Mo. — Two-st'y brick artists club-house; cost, $6,500; owner, Mrs. D. Schuchman; contractor, Wagner.

Williamstown, Mass. — Two-st'y brick and stone bleachery mill, flat roof, 133' x 177'; boiler house and water tower, 50' x 52'; office, 26.6' x 38'; cost, abt. $45,000; owner, Chas. Heap of Rochdale, England; builders, John S. Jacob & Son; architect, Willard M. Bacon, Boston.

Worcester, Mass.—*Jamesville*, one-st'y frame shop; owner, W. F. Pike.

Quinsigamond Ave., one-and-one-half-st'y frame boiler room; owner and contractor, Worcester Gas Light Co.

PROPOSALS.

Treasury Department, Office of the Supervising Architect, Washington, D. C., November 5, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 8th day of December, 1892, and opened immediately thereafter, for all the labor and materials required for the erection and completion (except plumbing and heating apparatus) of the extension to the United States Court-house, Post-office, etc., building at Dallas, Texas, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Dallas, Texas. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Erection and Completion (except Plumbing and Heating Apparatus) of the Extension to the United States Court-house, Post-office, etc., building at Dallas, Texas," and addressed to W. J. EDBBOOKE, Supervising Architect. 882

Treasury Department, Office Supervising Architect, Washington, D. C., November 3, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 29th day of November, 1892, and opened immediately thereafter, for all the labor and materials required for the Interior finish of the United States Court-house, Post-office and Custom-house building at Bay City, Michigan, including furring, lathing, plastering, iron stairs, marble work, joinery work, wood flooring, glass, hardware, painting, polishing, etc., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Bay City, Michigan. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Interior Finish of the United States Court-house, Post-office and Custom-house building at Bay City, Michigan," and addressed to W. J. EDBROOKE, Supervising Architect. 882

Treasury Department, Office of the Supervising Architect, Washington, D. C., November 3, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 30th day of November, 1892, and opened immediately thereafter, for all the labor and materials required for the trench excavation, foundations, cut-stone work and brickwork, iron and wood floor, ceiling and roof construction, roof covering, etc., for the United States Post-office building at Fremont, Nebraska, in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Fremont, Nebraska. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Trench Excavation, Foundations, Cut-stone and Brickwork, Iron and Wood Floor, Ceiling and Roof Construction, Roof Covering, etc., for the United States Post-office building at Fremont, Nebraska," and addressed to W. J. EDBROOKE, Supervising Architect. 882

Treasury Department, Office Supervising Architect, Washington, D. C., November 3, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 1st day of December, 1892, and opened immediately thereafter, for all the labor and materials required for the trench excavation, foundations, cut-stone and brickwork of the basement and area walls, basement columns, first floor beams, etc., for the United States Post-office building at Burlington, Iowa, in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Burlington, Iowa. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Trench Excavation, Foundations, Cut-stone and Brickwork of Basement and Area Walls, etc., for the United States Post-office building, Burlington, Iowa," and addressed to W. J. EDBROOKE, Supervising Architect. 882

Treasury Department, Office Supervising Architect, Washington, D. C., November 2, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 2d day of December, 1892, and opened immediately thereafter, for all the labor and materials required for the cut-stone and brickwork of the superstructure of the United States Post-office, etc., building at Worcester, Mass., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Worcester, Mass. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid should it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidder. Proposals must be enclosed in envelopes sealed and marked "Proposal for Cut-stone and Brickwork of the Superstructure of the United States Post-office, etc., building at Worcester, Mass.," and addressed to W. J. EDBROOKE, Supervising Architect. 882

Treasury Department, Office Supervising Architect, Washington, D. C., November 3, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 6th day of December, 1892, and opened immediately thereafter, for all the labor and materials required to build complete the superstructure (except plumbing, heating apparatus and approaches) of the United States Court-house and Post-office building at Martinsburg, West Va., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Martinsburg, West Va. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Erection and Completion (except Plumbing, Heating Apparatus and Approaches) of the United States Court-house and Post-office building at Martinsburg, West Va.," and addressed to W. J. EDBROOKE, Supervising Architect. 882

Proposals for Marble-work. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., November 5, 1892. Sealed proposals for furnishing, delivering and putting in place complete the interior polished marble wainscoting, finish, etc., required for the building for the Library of Congress, in this city, will be received at this office until 2 o'clock P. M. on Monday, the 28th day of November, 1892, and opened immediately thereafter in presence of bidders. The work comprises nine distinct parts of the building and kinds of marble; namely, colored, veined white, Rutland white, Sutherland Falls white, Brandon, West Rutland blue, Champlain, Tennessee and Georgia, for which separate bids will be received and separate contracts awarded. Samples of stone and workmanship required may be seen at the building. Specifications, general instructions and conditions and blank forms of proposal may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 883

Proposals for Cast-iron Door and Window Frames and Washboards. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., October 29, 1892. Sealed proposals for furnishing, delivering and putting in place complete the cast-iron frames, casings and trimmings for doors, windows and washboards, required chiefly in the first, second and attic stories of the building for the Library of Congress, in this city, will be received at this office until 2 o'clock P. M. on Saturday, the 26th day of November, 1892, and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions and blank forms of proposal may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 882

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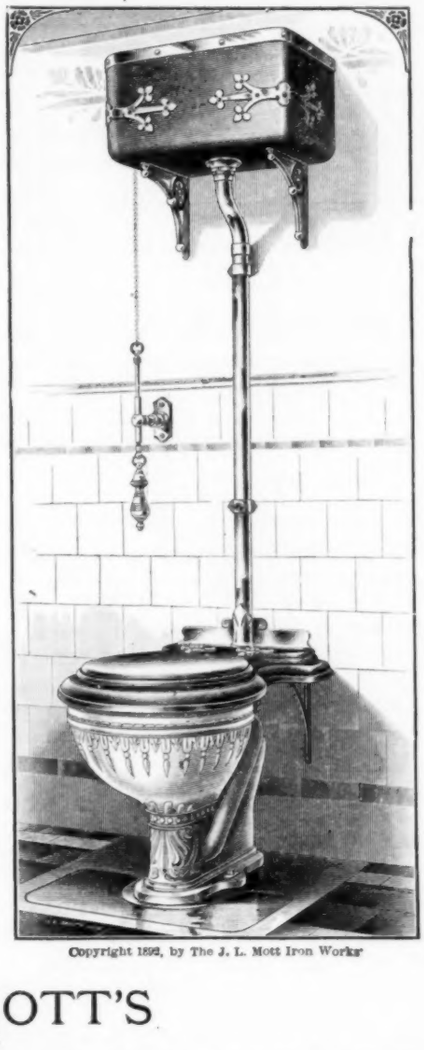

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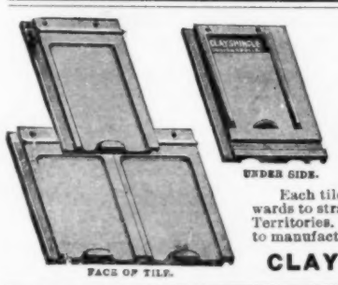

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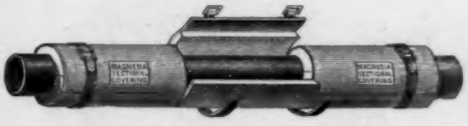

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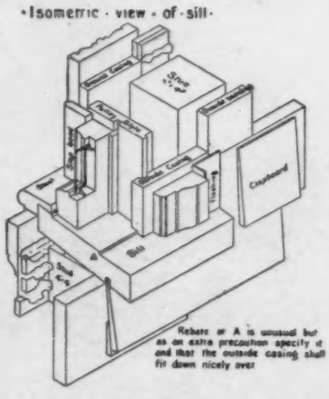

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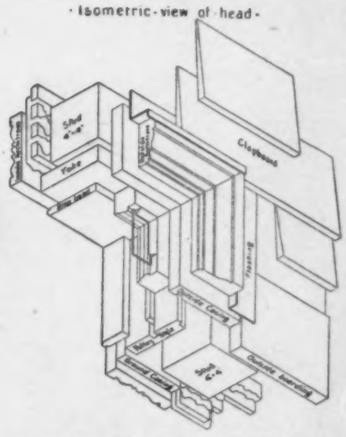

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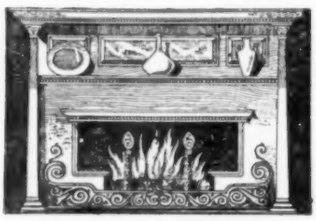

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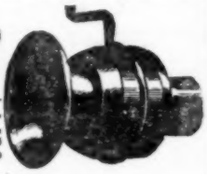

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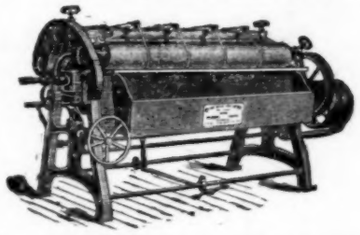

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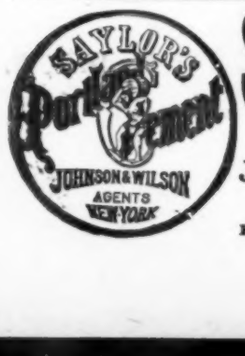

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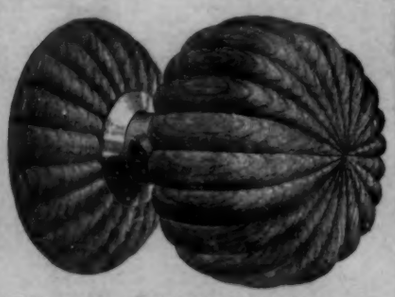

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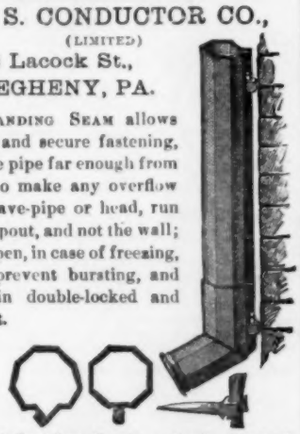

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Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	80 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ₱ M.	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	@ 42 00

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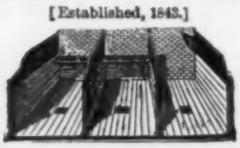

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Common: *Cargo afloat.*				In Yard.
Pale	1 75 @ 2 00	Eastern 9 00 @ 10 00	Building Brick @ 6 50	Sq. Hard @ 9 00
Jersey	4 00 @ 4 75			" @ 7 00
Long Island	@	Bay State Hard 7 00 @ 8 00		Salmon @ 5 00
Up River	4 00 @ 4 75			Sq. " @ 9 00
Haverstraw Bay 2d	4 75 @ 5 00	Domestic Com. 9 50 @ 10 00	Indiana Pressed 14 00 @ 20 00	Light Stretchers @ 10 00
" 1st	5 00 @ 5 25		St. Louis Fronts @ 27 00	Medium "
Hollow	@ 13 00	Domestic Face 20 00 @ 22 00		@ 12 00
Fronts:				Red "
Croton, Brown	@ 13 00	Philadelphia 40 00 @ 45 00		@ 13 00
" dark	@ 14 00			Dark "
" red	@ 14 00	Phila. mould 50 00 @ 80 00		@ 13 00
Chicago pressed (Anderson)			15 00 @ 27 00	Pressed
" Moulded		Anderson 14 00 @ 32 00	65 00 @ 350 00	@ 85 00
Baltimore	37 00 @ 41 00		@ 85 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00		45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @100 00		@ 100 00	Dom. @ 65
Enamelled (edge and end)	90 00 @115 00		@ 120 00	@ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	85 @ 95	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 80 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	1 75 @ 2 00	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 85	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 95	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 30	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	21 @ 25	@ 30	30 @ 35	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond 75 @ 1 50
Lemont	@		35 @ 60	₱ Perch @ 4 50
Serpentine	@	10 50 per ton	@ 1 00	

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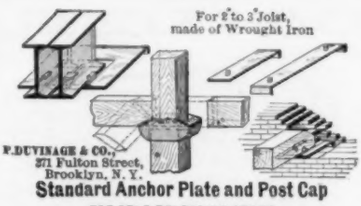
Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 1
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	}
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	55 @ 1 00
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	}
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle. English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	325 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	00 @ 4 65
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ...℔ M.	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7 @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	70 @ 5 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	55 @ 62	47 @ 48	57 @ 60	@ 60
" " boiled. (℔ gal.)	58 @ 65	50 @ 51	60 @ 63	@ 63
Turpentine (℔ gal.)	36 @ 37	@ 36	51 @ 51	@ 44
Varnish, coach. (℔ gal.)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac. (℔ gal.)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	½ @ 1
Paris white, (Eng.) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am	5½ @ 6	7 @ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 10	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 40	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per ℔ 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask
Butts: 4″ x 4″ ...(℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish ...(℔ pair.)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not Sold.*
Hemacite	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, silvered	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:	@	@	13 @ 16	13½ @ 16
Sheet Lead	@	@ 7½	@ 7	@ 6½
Lead Pipe	@	@ 6½	@ 6½	6 @ 6
Iron:				
I-Beams, up to and including 36 ft	3 3-10 @ 3½	@ 3 4-10	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel Beams	3 3-10 @ 3½	@ 4-10	3 20 @ 3 70	@ 2 8-10



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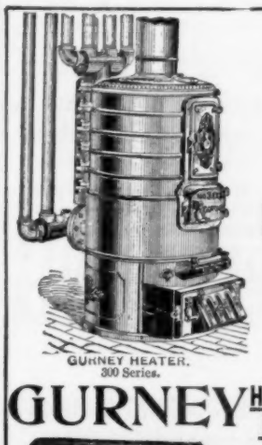

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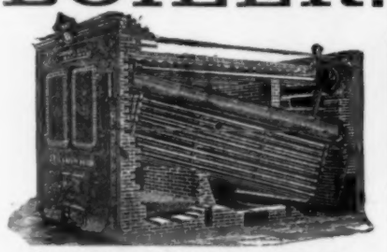

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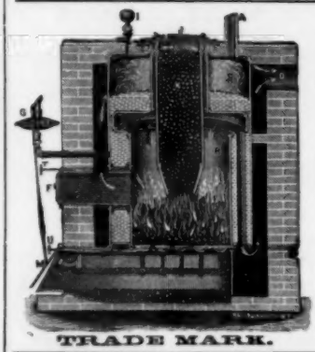

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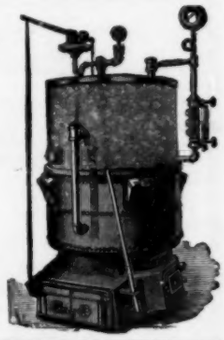

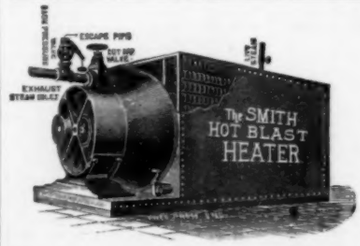

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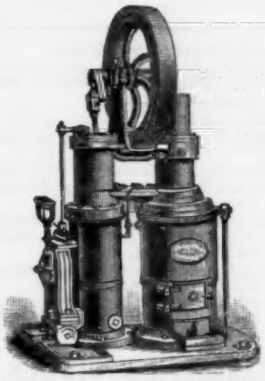

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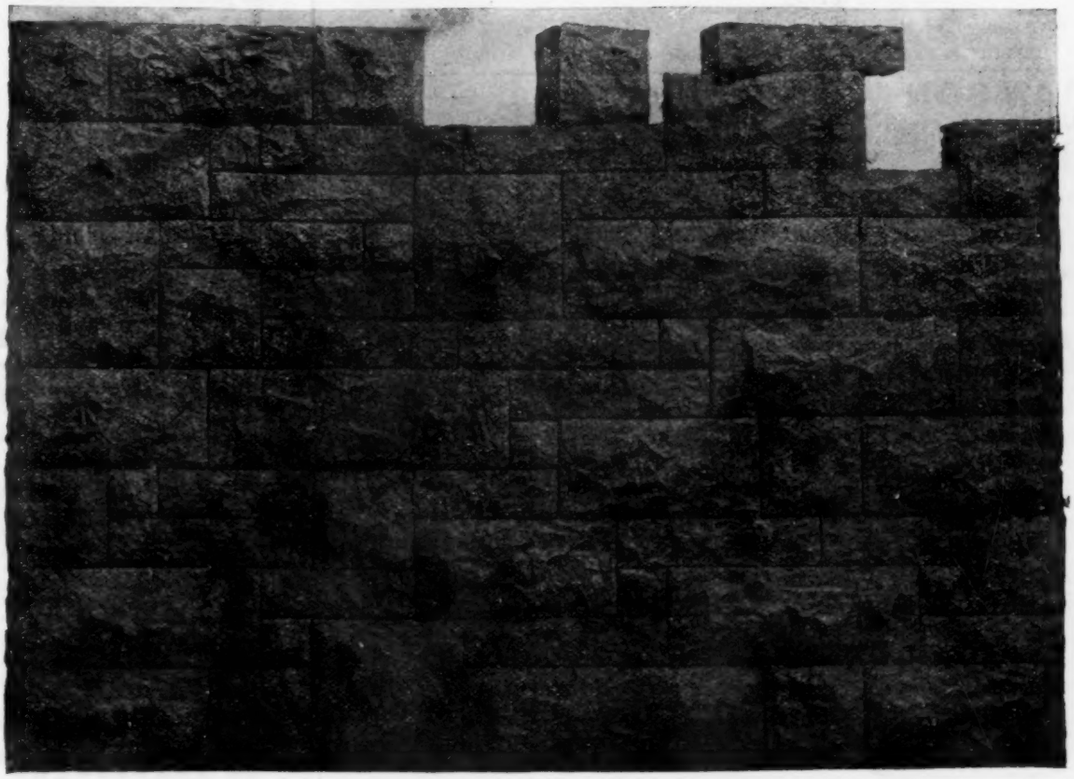

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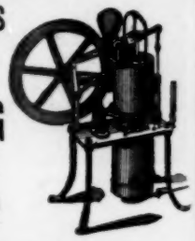

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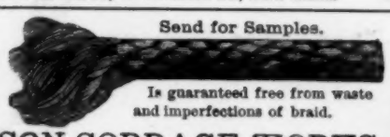

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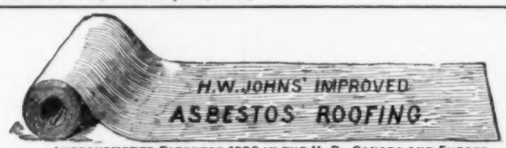

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RAND & TAYLOR have removed to the New England Mutual Insurance Company's Building, 87 Milk Street, Boston, Mass. 884

F. H. KIMBALL and G. KRAMER THOMPSON have removed to 55 Broadway, New York City. 884

J. ALCIDE CHAUSSE, 153 Shaw Street, Montreal, P. Q., has opened a branch office at 3124 Notre Dame Street, Ste. Cunegonde, P. Q. 884

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BUILDING PATENTS.

[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

484,982. Speaking-Tube. — Leopold Strouse, Baltimore, Md.
485,034. Elevator. — Harry Hanson and John E. Bergman, Chicago, Ill.
485,131. Sash-Holder. — Joseph B. Okey, Indianapolis, Ind.
485,137. Knob Attachment. — Francis H. Richards, Hartford, Conn.
485,141. System of House Ventilation. — Fred. P. Smith, Worcester, Mass.
485,155. Knob Attachment.—William A. G. Ashley, New Bedford, Mass.
485,154. Knob Attachment.— Charles F. Doebler and Charles K. Bryant, Hartford, Conn.
485,155. Flush-Valve for Water-Closets. — Eduard Herdegen, New York, N. Y.
485,606. Fastener for the Meeting-Rails of Sashes.—Irving A. Brown, Cleveland, Ohio.
485,613. Hinge-Lock. — Robert Deane, Brooklyn, N. Y.
485,667. Combined Latch and Lock. — William H. Smith, Bolivar, Mo.
485,691. Method of and Apparatus for Lining Pipes with Lead. — George W. Harrington, Wakefield, Mass.
485,724. Gravity-Latch.—John W. Toops, Kiousville, Ohio.
485,747. Weather-Strip. — George W. Morris, Minonk, Ill.
485,757. Construction of Cast-Iron Radiators.—George L. Allen, Worcester, Mass.
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485,772. Draught-Regulator for Fireplaces. — Benjamin W. Peel, Chicago, Ill.
485,782. Sheet-Metal Roofing. — Wilson C. Berger, Canton, Ohio.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING NOVEMBER 11, 1892.

From Antwerp. — Steamer "*Friesland*," 58 girders, Brown Bros. & Co.; 2,500 barrels cement, 140 beams order. Steamer "*Pennland*," 3,116 barrels cement, order.

From Catania. — Steamer "*Belgravia*," 150 tons asphalt, order.

From Glasgow. — Steamer "*Devonia*." 108 blocks stone, T. G. & M. Stone; 50 barrels cement, order. Steamer "*Siberian*," 146 boxes granite, Austin, Baldwin & Co.; 21 blocks stone, order.

From Hamburg. — Steamer "*Suevia*" 560 casks cement, Gabriel & Schall. Bark "*Atlantic*," 3,309 barrels cement, order.

From Laguna. — Schooner "*Laguna*," 348 logs mahogany and cedar, Thebaud Bros.

From Leghorn. — Steamer "*Scottish Prince*," 31 blocks marble, order.

From Liverpool.—Steamer "*St. Enoch*," 20,100 fire bricks, order. Steamer "*Aurania*," 10 logs mahogany, order. Steamer "*Naronic*," 10,000 fire bricks, 181 casks bricks, Howard Fleming; 154 casks bricks, Brown Bros. & Co. Steamer "*Majestic*," 25 barrels cement, Pim, Forwood & Co.; 74 casks bricks, Howard Fleming.

From London. — Steamer "*Richmond Hill*," 1,150 casks cement, E. Thiele; 1,500 do., Bank of British North America; 1,250 do., order.

From Messina. — Steamer "*Pocahontas*," 20 bags cement, order.

From Port Spain.—Bark "*Brazil*," 450 tons asphalt, The Colonial Bank.

From Windsor, N. S. — Schooner "*Westworth*," 580 tons lump plaster, J. F. Whitney & Co. Schooner "*Newburgh*," 978 tons plaster, J. F. Whitney & Co. Schooner "*Gypsum King*," 1,075 tons lump plaster, J. F. Whitney & Co. Schooner "*Harry*," 815 tons lump plaster, Wotherspoon Bros.

BACK NUMBERS WANTED.

The publishers of the *American Architect* would like to purchase a few copies of

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of the Regular edition, and of

Nos. 790, 794 and 795

of the Imperial edition. Double price will be paid for copies in good condition.

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See last or next issue for the following advertisements.

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See the first issue of the month for the following advertisements.

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Providence, R. I. — *Mariton Ave.*, n e cor. Julian St., alterations to frame building; cost, $9,500; owners, Union Mfg. Co.; builders, Frank Campbell & Co.

APARTMENT-HOUSES.

Chicago, Ill. — Charles Hurst, 2 two-st'y flats, Fifty-sixth and Winchester Sts.; cost, $8,000.
Agnus Hanus, two-st'y flats, 668 Henry St.; cost, $3,700.
Frank Baden, 2 three-st'y flats, 7745-7247 Stony Island Ave.; cost, $15,000.
George A. Hatfield, 2 three-st'y flats, 438-440 Fifty-seventh St.; cost, $20,000.
Isaac Isham, four-st'y flats, 4348 Greenwood Ave.; cost, $8,000.

(*Continued on page* xv.)

FACTS ABOUT

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BUILDING INTELLIGENCE.

Gilbert Frederichs, three-st'y flats, 418 Sixty-first St.; cost, $9,000.

S. A. Barbons, two-st'y flats, 6596 Aberdeen St.; cost, $3,000.

Ostling Bros., 2 three-st'y flats, Belle Plain and Perry Ave.; cost, $10,000.

Trebilcock & Penhallegon, 2 three-st'y flats, 6536-6538 Sheridan St.; cost, $18,000.

Hickey Bros., 2 four-st'y flats, 5622-5624 Ellis Ave.; cost, $20,000.

D. E. Huntung, three-st'y flats, 4415 St. Laurence Ave.; cost, $9,000.

Herman Kramp, three-st'y flats, 502 North Lincoln St.; cost, $5,000.

L. L. Koburn, four-st'y flats, 72-78 Norton St.; cost, $40,000.

Ada Brown, three-st'y flats, 235 Warren Ave.; cost, $4,000.

Albert Hoocker, two-st'y flats, 692 Rockwell St,; cost, $3,500.

Matt. Vanderbool, two-st'y flats, 1263 Lawndale Ave.; cost, $3,500.

William Polm, two-st'y flats, 5118 Wabash Ave.; cost, $7,500.

Richard Glefeham, four-st'y flats, 497 Dearborn Ave.; cost, $10,000.

Charles Koske, two-st'y flats, 525 Forty-seventh St.; cost, $3,000.

G. W. & A. T. Hotaling, 3 two-st'y flats, 6453-6455 Grove Pl.; cost, $9,000.

Fred. Thes, 2 two-st'y flats, 1930-1932 Commercial Ave.; cost, $6,000.

Hanberg & Borgenson, 2 two-st'y flats, 3040-3042 Clark St.; cost, $6,000.

J. H. Avery, 2 three-st'y flats, 570-572 Fiftieth Ct.; cost, $16,000.

J. H. Johnson, 2 four-st'y flats, 435-437 Belden Ave.; cost, $40,000.

N. Chadsen, two-st'y flats, Remy Ave. and Cherry Pl.; cost, $3,000.

Hugh Moran, four-st'y flats, 263 Thirtieth St.; cost, $10,000.

Hans Larson, two-st'y flats, 93 Werder St.; cost, $4,500.

Hans Anderson, 3 three-st'y flats, 146-150 Tolman Ave.; cost, $18,000.

Henry Beck, 2 two-st'y flats, 6212-6214 Aberdeen St.; cost, $4,000.

John Doyle, two-st'y flats, 263 South Sacramento Ave.; cost, $5,000.

John Sein, two-st'y flats, 1383 Fillmore St.; cost, $3,000.

W. C. Streeter, 2 three-st'y flats, Chestnut St.; cost, $20,000.

George W. Williams, three-st'y flats, 1276 West Adams St.; cost, $18,000.

S. W. Rath, 4 three-st'y flats, 1910-1916 West Lake St.; cost, $20,000.

J. P. Tompkins, 4 three-st'y flats, 5623-5629 Washington Ave.; cost, $14,000.

A. Mooney, two-st'y flats, 6519 Drexel Boulevard; cost, $5,000.

New York, N. Y.—*Scammel St., No.* 22, five-st'y brick flat, tin roof; cost, $22,000; owners, Fay & Stacom, 337 Pleasant Ave.; architect, Chas. Rentz, 153 Fourth Ave.

Ninth Ave., No. 506, five-st'y brick flat, tin roof; cost, $20,000; owner, Sarah A. McGowan, Sayville, L. I.; architect, Charles W. Clinton, 32 Nassau St.

Clinton St., Nos. 220-224, 3 five-st'y brick flats, tin roofs; cost, $66,000; owner, Tobias Krakower, 216 Henry St.; architect, Charles Rentz, 153 Fourth Ave.

Park Ave., s e cor. Ninety-seventh St., 4 five-st'y brick flats, tin roofs; cost, $84,000; owner, Francis J. Schnugg, 129 East Ninety-fifth St.; architect, Louis Eutzer, Jr., 179 East Ninety-sixth St.

One Hundred and Thirty-fourth St., 250' e Seventh Ave., 2 five-st'y brick flats, tin roofs; cost, $38,000; owners, John and Nicholas Cotter, 718 East One Hundred and Thirty-ninth St.; architect, C. A. Millner, 633 East One Hundred and Thirty-fifth St.

One Hundred and Twenty-sixth St., n s, 485½' e Lenox Ave., five-st'y brick flat, tin roof; cost, $25,000; owner, Thomas Moloney, 1421 Amsterdam Ave.; architects, Thom & Wilson, 1267 Broadway.

FACTORIES.

Chicago, Ill.—D. H. Tolman, 4 two-st'y factories, 39-41 Coventry St.; cost, $40,000.

Consolidated Rock Plaster Co., three-st'y factory and one-st'y boiler-house, 452-458 Michigan St.; cost, $15,000.

HOTELS.

Chicago, Ill.—Imperial Hotel Co., six-st'y hotel, 5544-5558 Cornell Ave.; cost, $200,000.

A. F. Shuman, four-st'y hotel, 129 Fifty-sixth St.; cost, $30,000.

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BUILDING INTELLIGENCE.

HOUSES.

Arlington, Mass.—*Pleasant St.*, frame dwell., 60' x 70'; owner, Charles J. Devereaux; builders, J. D. Bowers & Co.; architect, J. Merrill Brown, Boston.

Boston, Mass.—*Sagamore St.*, near Belfort St., Ward 24, frame dwell., 27' x 43'; owner, Annie Riley; builder, Peter Riley.

Humboldt Ave., cor. Hammerton St., Ward 21, frame dwell., hip roof, 47.2' x 49.8'; owner, Joseph Stone; builders, Ourish & Rich.

East Lenox St., No. 28, Ward 18, three-st'y brick dwell., flat roof, 19.3' x 28.6'; owner, E. R. Fernald; builder, G. M. Fernald.

Howard Ave., cor. unnamed st., Ward 20, frame dwell., 22' x 34'; owner and builder, J. D. Thompson.

I St., No. 65, Ward 14, three-st'y frame dwell., flat roof, 21.4' x 33'; owners, E. & A. Benck; builder, W. T. Eaton.

Bowdoin St., No. 176, Ward 24, frame dwell., 25' x 45'; owner, Mrs. Annie Dever; builder, H. J. McNabb.

Gaston St., No. 27, cor. Otisfield St., Ward 21, frame dwell., 26' x 40'; owner and builder, Peter Graffam.

Blue Hill Ave., Nos. 355, 359 *and* 361, Ward 21, three frame dwells., 28' x 26.9'; owner and builder, Peter Graffam.

Heath St., Nos. 98-100, Ward 22, 2 three-st'y frame dwells., flat roofs, 24' x 37' and 24' x 34.6'; owner and builder, J. B. Mulvey.

I St., Nos. 61-63, Ward 14, 2 three-st'y frame dwells., flat roofs, 21.4' x 33'; owners, E. and A. Bencks; builder, W. T. Eaton.

Hyde Park Ave., cor. Ashland St., Ward 23, frame dwell., 21' x 43'; owner, J. Dickhaut; builders, Fuohr & Wangler.

Harvard Ave., opp. Dalmatia St., Ward 20, three-st'y frame dwell., pitch roof, 22' x 34'; owner, J. D. Thornton; builder, W. R. Dixon.

Blue Hill Ave., No. 353, Ward 21, frame dwell., 28' x 56.9'; owner and builder, Peter Graffam.

Norfolk St., near Lauriat Ave., Ward 24, frame dwell., 20.6 x 45.6'; owner, F. J. Karle; builder, A. G. Brennan.

Gaston St., No. 19, Ward 21, frame dwell., 27' x 37'; owner and builder, Peter Graffam.

Norfolk St., near Lauriat Ave., Ward 24, frame dwell. and store, flat roof, 25.6' x 45.6'; owner, F. J. Karle; builder, A. G. Brennan.

Surrey St., near Market St., Ward 25, frame dwell., 28' x 50'; owner, Miss E. Collins; builder, J. A. Dooley.

Longfellow St., Nos. 5-7, Ward 24, two frame dwells., 19.6' x 32'; owners and builders, G. D. Cox and J. F. & G. H. Smith.

Alcock St., near Bradbury St., Ward 25, frame dwell., 25' x 37'; owner and builder, T. A. Sanford.

Berwick Park, near Englewood Ave., Ward 25, frame dwell., gambrel roof, 34.4' x 50.2'; owner, F. B. Jones; builder, James Flanagan.

Millett St., near Wheatland Ave., Ward 24, frame dwell., 25' x 40'; owner and builder, John H. Lent.

Ashmont St., near Carruth St., Ward 24, frame dwell., 31' x 45'; owner, C. F. Kittredge; builder, M. H. Fossett.

Gates St., Nos. 57-59, Ward 15, 2 three-st'y frame dwells., flat roofs, 20' x 63'; owner, Peter Dailey; builders, Howard Bros.

Brooklyn, N. Y.—*South Ninth St., Nos.* 56-58, 2 four-st'y brick dwells., tin roofs; cost, $10,000 each; owners, builders and architects, Doenecke & Bro., 134 South Ninth St.

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BUILDING INTELLIGENCE.

Powell St., w s, 50′ s Belmont Ave., 2 three-st'y frame dwells., tin roofs; cost, $6,000 each; owners and builders, Axeleod & Levingson, 92 Thatford Ave.

Hancock St., n s, 225′ w Ralph Ave., 5 two-st'y brick dwells., tin roofs; cost, $4,800 each; owner and architect, Wilfred Burr, 699 Halsey St.; builder, John Softy.

Powell St., w s, 25′ s Belmont Ave., three-st'y frame dwell., tin roof; cost, $4,500; owners and builders, Axeleod & Levingson, 92 Thatford Ave.

Madison St., n s, 425′ e Ralph Ave., four-st'y brick dwell., tin roof; cost, $9,000; owner and architect, George Covert, cor. Willoughby and Lewis Aves.; builder, H. Loeffler, Sr., 788 Myrtle Ave.

Thirty-third St., s s, 100′ e Third Ave., 4 three-st'y frame dwells., cement and gravel roofs; total cost, $16,000; owner and builder, Wm. F. Bedford, 24 Clinton St.; architect, W. M. Coots, 189 Montague St.

Madison St., n s, 125′ w Patchen Ave., 6 two-st'y brick dwells., tin roofs; cost, $4,200 each; owner and architect, Calvin W. Raymond, 93 Court St.

Fifty-seventh St., n s, 120′ w Second Ave., 24 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner, architect and builder, Lewis Anderson, 33 Cornelia St.

Jerome St., e s, 300′ s Dumont Ave., 2 two-st'y frame dwells., tin roofs; cost, $1,600 each; owner, J. A. Brundage, Jerome St.

Clinton St., w s, 30′ n Pacific St., five-st'y brick dwell., tin roof; cost, $30,000; owner and builder, Michael McGuire, 9 Windsor Pl.; architect, H. W. Billard, 147 Sixteenth St.

Clifton, Mass. — Frame dwell., 40′ x 40′; owner, Charles H. Isburgh; contract to be let; architect, J. Merrill Brown, Boston.

Dorchester, Mass. — *Near Bird St. Station*, frame dwell., 40′ x 50′; owner, Mrs. S. L. Boardman; builders, Whittaker & Gerrish; architect, J. Merrill Brown, Boston.

Mt. Everett St., frame dwell., 38′ x 45′; owner, W. Irving Atwood; builder, Henry Hunt; architect, J. Merrill Brown, Boston.

Lexington, Mass. — Frame dwell., 60′ x 60′; owner, Col. C. C. G. Thornton; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

Medford, Mass. — *Pasture Hill*, frame dwell., 40′ x 60′; owner, Frank C. Pitcher; builder, John Alden; architect, J. Merrill Brown, Boston.

New York, N. Y. — *Gray St.*, s e cor. Crane Pl., three-st'y brick and frame dwell., peak, shingle roof; cost, $6,500; owner, Mary Renn, 1779 Topping St.; architect, C. S. Clark, 719 East One Hundred and Seventy-seventh St.

Rockfield St., n s, 475′ e Marion Ave., three-st'y brick and frame dwell., tin roof; cost, $3,700; owner, August Steinke, 826 Elton Ave.; architect, Adolph Pfeiffer, 3068 Third Ave.

Seventieth St., s s, 125′ w Tenth Ave., 18 three-st'y brick dwells., tin roofs; cost, $153,000; owner, Rev. Thomas Hoffman, 4 Warren St.; architect, Wm. H. Russell, 71 Broadway.

One Hundred and Eighty-fourth St., s s, 125′ e Eleventh Ave., 4 three-st'y brick and frame dwells., peak, shingle roof; cost, $15,000; owner, John C. Klett, One Hundred and Seventieth St., near Eleventh Ave.; architect, A. D. Campbell, 49 William St.

Orchard St., No. 63½, three-st'y brick dwell., tin roof; cost, $4,000; owner, Gouverneur Tillotson, *et al.*, 51 West Thirty-sixth St.; architect, Frederick Jenth, 151 Forsyth St.

West One Hundred and Thirty-fifth St., four-st'y brick dwell., tin roof; cost, $15,000; owner, William Whitehead, 2301 Seventh Ave.; architects, Berg & Clark, 10 West Twenty-third St.

One Hundred and Forty-first St., n s, 135′ 9″ w St. Nicholas Ave., 5 three-st'y brick dwells., tin roofs; cost, $75,000; owner, William Gessner, 1722 Madison Ave.; architect, John C. Burne, 101 West Forty-second St.

Seventy-first St., n s, 173′ 9″ w Boulevard, four-st'y brick dwell., peak, slate and tin roof; cost, $12,000; owner, Christ P. E. Church, Boulevard and One Hundred and Seventy-first St.; architects, Rose & Stone, 111 Broadway.

Morris Ave., w s, 59′ s One Hundred and Fifty-fourth St., three-st'y brick and frame dwell., tin roof; cost, $3,800; owner, Chas. O. Sullivan, 554 Morris Ave.; architect, Herman Horenberger, 682 East One Hundred and Fifty-ninth St.

Crane Pl., w s, s line, 285′ n One Hundred and Seventy-fourth St., three-st'y brick and frame dwell., peak, shingle roof; cost, $6,000; owner, Margaret P. Hard, 1757 Topping Ave.; architect, Geo. O. Harris, 18 Harrison St.

Crane Pl., w s, 60′ n One Hundred and Seventy-fourth St., three-st'y brick and frame dwell., peak, shingle roof; cost, $6,000; owner, Mrs. B. P. Hard, One Hundred and Seventy-fourth St. and Crane Pl.; architect, Geo. A. Harris, 18 Harrison St., New Rochelle, N. Y.

One Hundred and Twelfth St., s s, 250′ w Amsterdam Ave., four-st'y brick dwell., tin roof; cost, $12,500; owner, Henry Tone, One Hundred and Fourteenth St., e Amsterdam Ave.; architect, Geo. P. Drew, Jr., 117 West One Hundred and Twenty-fifth St.

Morris Ave., s w cor. Ash St., three-st'y brick and frame dwell., peak, shingle roof; cost, $6,800; owner, Fanny Lomas, 1983 Webster Ave; architect, Chas. D. Clark, 719 East One Hundred and Seventy-seventh St.

Bailey Ave., w s, 126′ n Macomb St., three-st'y brick and frame dwell., tin roof; cost, $6,000; owner, A. M. Schrady, 239 Lexington Ave.; architect, James Stroude, 1267 Broadway.

Philadelphia, Pa. — *Cambria St.*, s s, e Third St., three-st'y addition to brick factory; builder, Chas. C. Cannan, 1544 North Twelfth St.

Sixth St., w s, s Erie Ave., 4 two-st'y brick dwells.; owner, Harry Brocklehurst, 514 Morris St.

Baltimore Ave., e s, s Fifty-seventh St., three-st'y brick dwell.; builder, W. R. Dougherty, 1604 Sansom St.

Melrose St., n s, e Frankford Ave., 2 two-st'y brick dwells.; builder, Amos R. Crosta, 4536 Salmon St.

Lancaster Ave., s s, w Forty-fifth St., three-st'y brick dwell.; builder, F. L. Michaelson, 4019 Lancaster Ave.

Wyalusing Ave., s s, w Thirty-ninth St., 40 brick dwells.; owner, John H. Hudson, 1424 Columbia Ave.

Cathedral St., n s, e Fifty-first St., two-st'y brick dwell.; owner, J. Beucannon, 4833 Lancaster Ave.

Forty-seventh St., s s, e Springfield Ave., 4 three-st'y brick dwells.; builders, Chas. N. Budd & Bro., 1821 Spring Garden St.

Ingram St., n s, w Twenty-seventh St., two-st'y brick dwell.; owner, John O. Keefer, 1254 South Twenty-eighth St.

Chelten Ave., s s, w Chew St., 3 three-st'y brick dwells.; builder, Chas. L. Johnson, 429 East Chelten Ave.

Duncannon St., s s, w Second St., two-st'y brick dwell.; builder, David Traumbaur, Washington Hotel, Germantown

Queen St., n s, e Knox St., 3 three-st'y brick dwells.; builder, R. L. Collom, *Independent* Building, Germantown.

Whitman, Mass. — Frame dwell., 38′ x 60′; owner, E. F. Murphy; architect, J. Merrill Brown, Boston.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., November 3, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 29th day of November, 1892, and opened immediately thereafter, for all the labor and materials required for the Interior finish of the United States Court-house, Post-office and Custom-house building at Bay City, Michigan, including furring, lathing, plastering, iron stairs, marble work, joinery work, wood flooring, glass, hardware, painting, polishing, etc., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Bay City, Michigan. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Interior Finish of the United States Court-house, Post-office and Custom-house building at Bay City, Michigan," and addressed to W. J. EDBROOKE, Supervising Architect. 882

Treasury Department, Office of the Supervising Architect, Washington, D.C., November 3, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 30th day of November, 1892, and opened immediately thereafter, for all the labor and materials required for the trench excavation, foundations, cut-stone work and brickwork, iron and wood floor, ceiling and roof construction, roof covering, etc., for the United States Post-office building at Fremont, Nebraska, in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Fremont, Nebraska. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Trench Excavation, Foundations, Cut-stone and Brickwork, Iron and Wood Floor, Ceiling and Roof Construction, Roof Covering, etc., for the United States Post-office building at Fremont, Nebraska," and addressed to W. J. EDBROOKE, Supervising Architect. 882

Treasury Department, Office Supervising Architect, Washington, D. C., November 3, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 1st day of December, 1892, and opened immediately thereafter, for all the labor and materials required for the trench excavation, foundations, cut-stone and brickwork of the basement and area walls, basement columns, first floor beams, etc., for the United States Post-office building at Burlington, Iowa, in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Burlington, Iowa. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to

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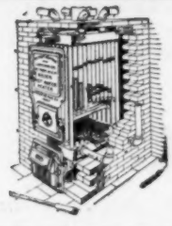

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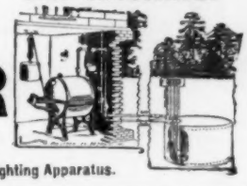

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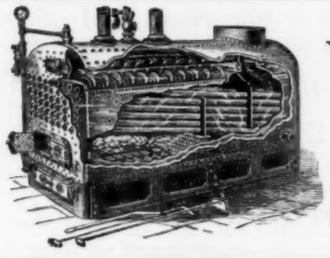

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the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Trench Excavation, Foundations, Cut-stone and Brickwork of Basement and Area Walls, etc., for the United States Post-office building, Burlington, Iowa," and addressed to W. J. EDBROOKE, Supervising Architect. 882

Proposals for Marble-work. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., November 5, 1892. Sealed proposals for furnishing, delivering and putting in place complete the interior polished marble wainscoting, finish, etc., required for the building for the Library of Congress, in this city, will be received at this office until 2 o'clock P. M. on Monday, the 28th day of November, 1892, and opened immediately thereafter in presence of bidders. The work comprises nine distinct parts of the building and kinds of marble; namely, colored veined white, Rutland white, Sutherland Falls white, Brandon, West Rutland blue, Champlain, Tennessee and Georgia, for which separate bids will be received and separate contracts awarded. Samples of stone and workmanship required may be seen at the building. Specifications, general instructions and conditions and blank forms of proposal may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 883

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., Nov mber 3, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 6th day of December, 1892, and opened immediately thereafter, for all the labor and materials required to build complete the superstructure (except plumbing, heating apparatus and approaches) of the United States Court-house and Post-office building at Martinsburg, West Va., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Martinsburg, West Va. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Erection and Completion (except Plumbing, Heating Apparatus and Approaches) of the United States Court-house and Post-office building at Martinsburg, West Va.," and addressed to W. J. EDBROOKE, Supervising Architect. 882

Proposals for Cast-iron Door and Window Frames and Washboards. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., October 29, 1892. Sealed proposals for furnishing, delivering and putting in place complete the cast-iron frames, casings and trimmings for doors, windows and washboards, required chiefly in the first, second and attic stories of the building for the Library of Congress, in this city, will be received at this office until 2 o'clock P. M. on Saturday, the 26th day of November, 1892, and opened immediately thereafter in presence of bidders. Specifications, general instructions and conditions and blank forms of proposal may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 882

Treasury Department, Office of the Supervising Architect, Washington, D. C., November 5, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 8th day of December, 1892, and opened immediately thereafter, for all the labor and materials required for the erection and completion (except plumbing and heating apparatus) of the extension to the United States Court-house, Post-office, etc., building at Dallas, Texas, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Dallas, Texas. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Erection and Completion (except Plumbing and Heating Apparatus) of the Extension to the United States Court-house, Post-office, etc., building at Dallas, Texas," and addressed to W. J. EDBROOKE, Supervising Architect. 882

Treasury Department, Office Supervising Architect, Washington, D. C., November 2, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 2d day of December, 1892, and opened immediately thereafter, for all the labor and materials required for the cut-stone and brickwork of the superstructure of the United States Post-office, etc., building at Worcester, Mass., in accordance with drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Worcester, Mass. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid should it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidder. Proposals must be enclosed in envelopes sealed and marked "Proposal for Cut-stone and Brickwork of the Superstructure of the United States Post-office etc., building at Worcester, Mass.," and addressed to W. J. EDBROOKE, Supervising Architect. 882

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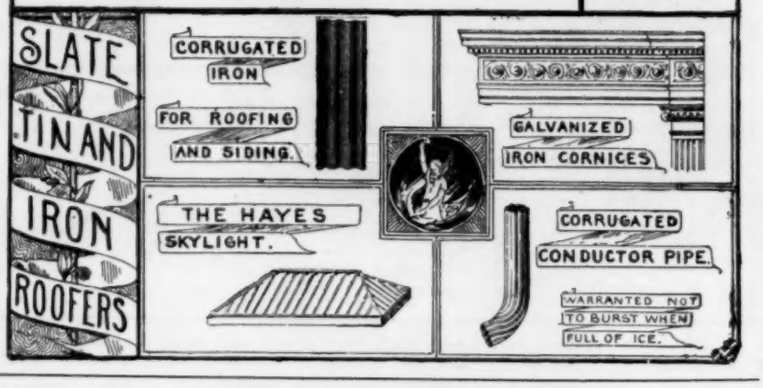

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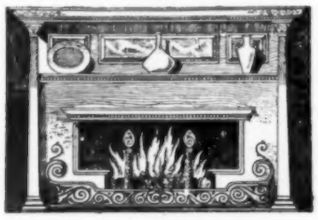

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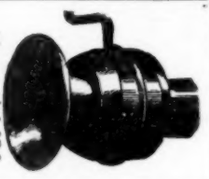

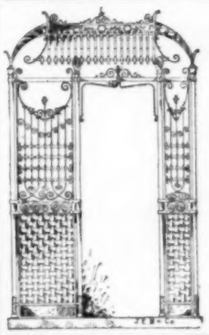

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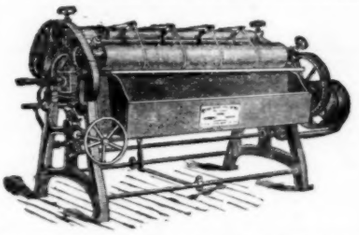

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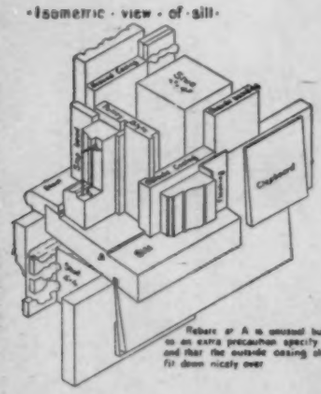

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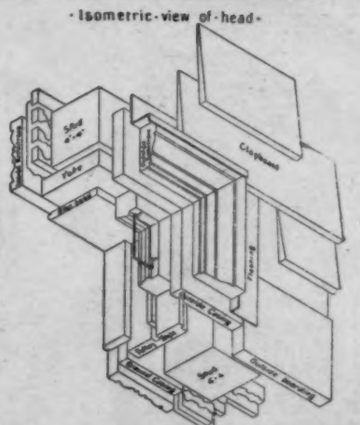

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LUMBER.—₱ M.				
Boards: (*Ordinary dimensions.*)				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	30 00 @ 47 00	48 00 @ 55 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce	@ 25 00	14 50 @ 25 00	*Not sold.*	16 00 @ 20 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
Yellow pine	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress	@	31 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine	@	38 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce	@	23 00 @ 38 00	*Not sold.*	*Not sold.*
Framing Timber:				
Pine			12 00 @ 15 00	25 00 @ 37 30
Spruce	14 00 @ 18 00	15 50 @ 18 00	*Not sold.*	16 00 @ 18 00
Hemlock	12 00 @ 16 00	13 00 @ 15 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine	18 00 @ 21 00	22 00 @ 35 00		22 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 50	2 10 @ 2 25	2 75 @ 3 00
Spruce	2 85 @ 3 00	2 35 @ 2 50	*Not sold.*	2 30 @ 3 00
Shingles:				
Pine, shaved ₱ M.	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	30" $35 @ 40
Cedar split ₱ M.	@	@	*Not sold.*	24" 8 @ 21
Cedar sawed "	@	2 00 @ 4 00	2 00 @ 2 35	20" 35 @ 14
Cypress. Split....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. (*First Qual. [Kiln-dried.]*)				
Ash	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	90 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood [Mexican]	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	85 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ₱ M.	@ 45 00	40 00 @ 42 00	20 00 @ 40 00	@ 45 00

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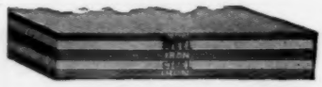

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Common: *Cargo afloat.*				In Yard.
Pale	1 75 @ 2 00	Eastern }	Building Brick	Sq. Hard @ 9 00
Jersey	4 00 @ 4 75	9 00 @ 10 00 }	@ 6 50	" @ 7 00
Long Island	@	Bay State Hard		Salmon @ 5 00
Up River	4 00 @ 4 75	7 00 @ 8 00		Sq. " @ 9 00
Haverstraw Bay 2d	4 75 @ 5 00	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 00 @ 5 25	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia }		Red "
" dark	@ 14 00	40 00 @ 45 00 }		@ 13 00
" red	@ 14 00	Phila. mould }		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00 }	18 00 @ 27 00	@ 13 00
" Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00		@ 100 00	Dom. { @ 65
Enamelled (edge and end)	90 00 @ 115 00		@ 120 00	@ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	85 @ 95	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	1 75 @ 2 00	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	{ White Mash
Wisconsin Lime			60 @	{ 1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 85	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 95	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush.*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	21 @ 25	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine	@	10 50 per ton	@ 1 00	₱ Perch @ 4 00

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Foundation:				
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 1
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 35
Amherst } Ohio	90 @ 95	90 @ 1 00	45 @ 50	} 55 @ 1 00
Berea } Ohio	75 @ 1 00	85 @ 90	45 @ 55	
Berlin } Ohio	75 @ 1 00	80 @ 90	55 @ 65	
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 10 @ 1 00
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 00 @ 1 00
Caen	@	@ 2 00	@	1 25 @ 1 00
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 00
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	@
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	} 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	325 @ 4 00
" " Chapmans	@	@	7 50 @ 8 00	00 @ 4 65
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ...℔ M	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 8½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7 @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	70 @ 5 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	55 @ 62	47 @ 48	57 @ 60	@ 60
" " boiled "	58 @ 65	50 @ 51	60 @ 63	@ 63
Turpentine "	36 @ 37	@ 36	51 @ 51	@ 44
Varnish, coach "	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac "	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting } dry	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.) } dry	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am	5½ @ 6	7 @ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 10	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 40	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask
Butts: 4" x 4" ...(℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish ...(℔ pair.)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not Sold.*
Hemacite	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, silvered	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:	@	@	13 @ 16	13½ @ 16
Sheet Lead	@	@ 7½	@ 7	@ 6½
Lead Pipe	@	@ 6½	@ 6½	6 @ 6
Iron:				
I-Beams, up to and including 36 ft	3 3-10 @ 3½	@ 3 4-10	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel Beams	3 3-10 @ 3½	@ 4-10	3 20 @ 3 70	@ 2 8-10

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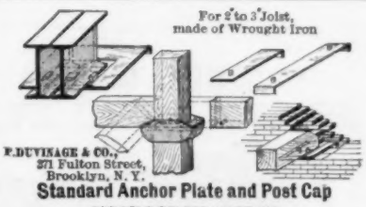

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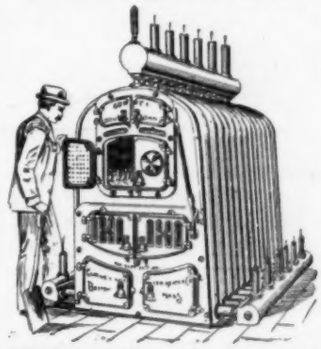

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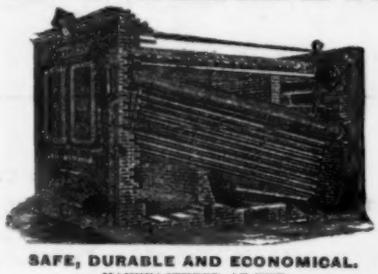

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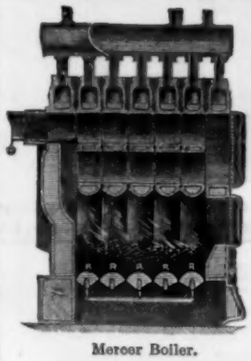

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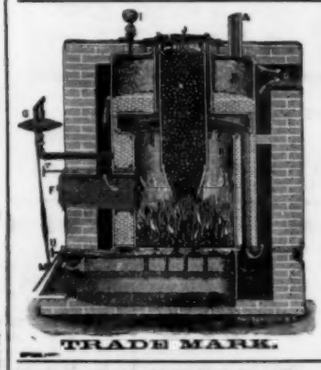

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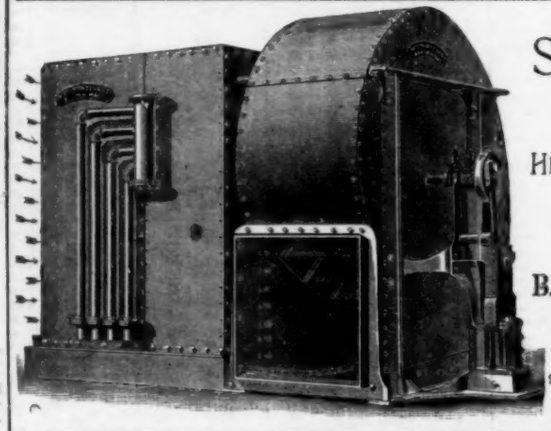

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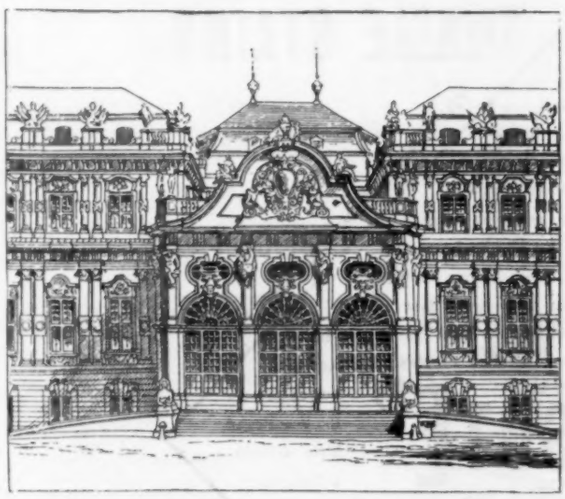

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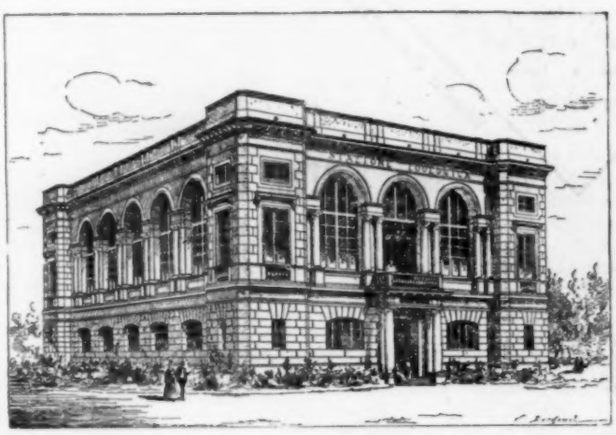

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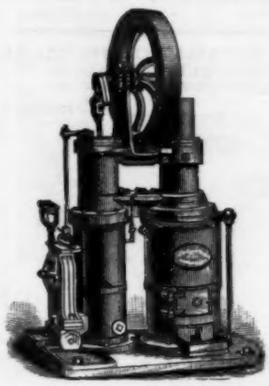

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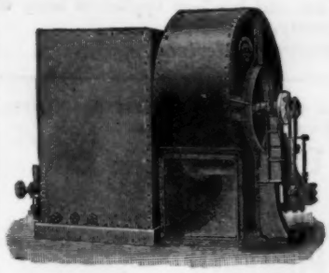

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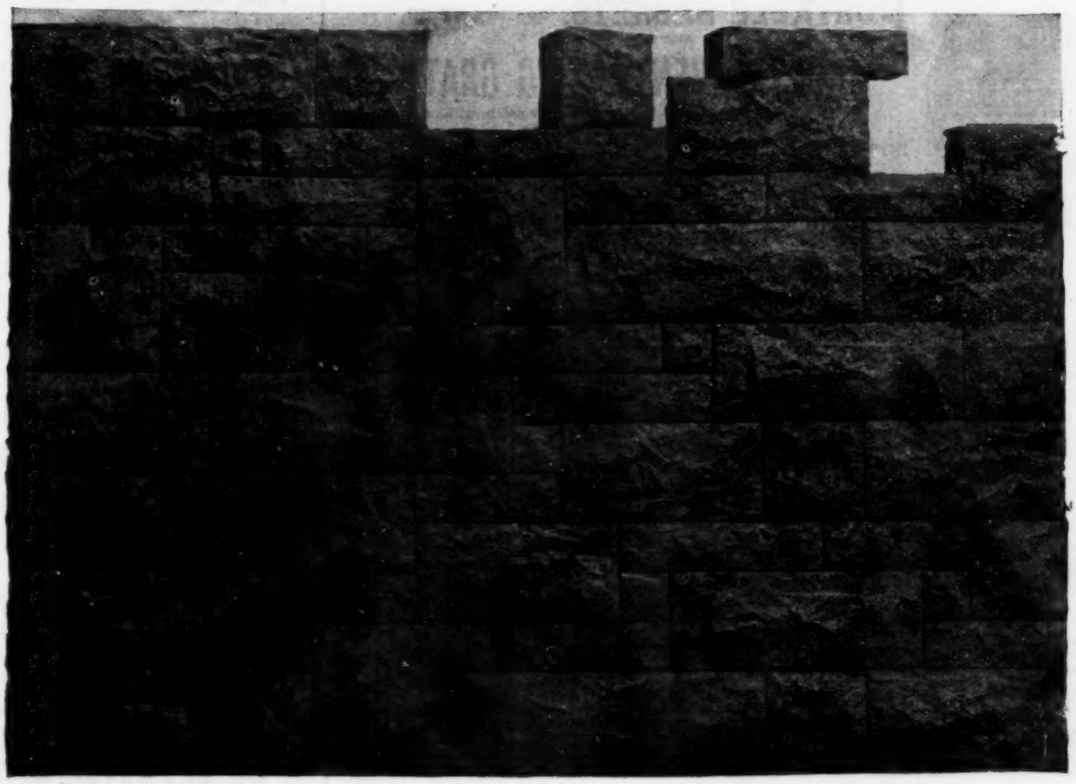

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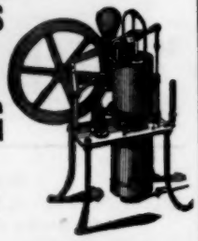

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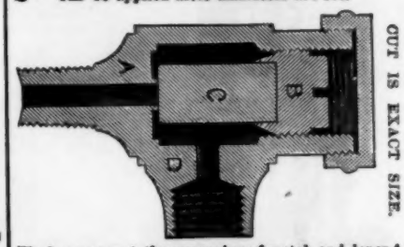

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No. 311 Amsterdam Ave., NEW YORK. CHICAGO, ILL.

Awarded the Grand Prize at the late Paris Exposition.

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The American Architect and Building News

IS PUBLISHED EVERY SATURDAY BY

TICKNOR & COMPANY,

211 TREMONT ST., BOSTON, MASS.

For the American Architect and Building News Co.

Advance Subscription Rates.

Regular Edition, $6.00 per year; six months, $3.50.
Imperial Edition, $10.00 per year; six months, $6.00.
International Edition, per year in advance, $25.00.
" " quarterly " 26.00.

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Advertising rates: For "wants" and "proposals," 15 cents per line, [8 words to the line] each insertion. 50 cents the least charge. Other rates on application.

New Advertisements.

J. W. BOUGHTON (Philadelphia, Pa.), Parquetry. Page 4, Cover.

WANTED.

POSITION. — Draughtsman, ten years' experience, desires position; able to take charge of work, best references. Address "D," 102 East Twenty-eighth St., New York City. 884

WANTED.

POSITION.—A practical architectural draughtsman, constructor and superintendent, with thirteen years' experience and best Boston references, and who is capable of taking charge of office or large work, would like an engagement in Boston or vicinity. Address "J. T. G.," 1107 Washington Street, Dorchester, Mass. 883

WANTED.

PARTNERSHIP. — An architect, eight years established in New York City, has erected some good work and more is in view, desires to make a business connection with a New York architect in first-class practice. The advertiser, 37, is a skilful renaissance designer, is thorough in construction, superintendence and office management, energetic and sober, devoted to his profession. Satisfactory references and explanations will be given. Parties, only, able to make a liberal arrangement please address X. Y. Z., care of *American Architect*. 885

WANTED.

POSITION. — Wanted, position by draughtsman of two and one-fourth years' experience, careful and willing. Good references. Edw. T. Cairns, 41 Sevms St., Hartford, Ct. 883

TO ARCHITECTS.

FRANCIS H. CRUESS, architectural artist; address, 206 North Second Street, Harrisburg, Pa.; perspectives rendered either in color, monochrome or pen-and-ink; specimens. t.f.

TO ARCHITECTS.

$10 HIGH CLASS PERSPECTIVES in water colors, sepia or ink. Artistic views of architect's designs lined and rendered from $10. Address "Artist," 3338 Smedley St., Philadelphia, Pa.

PERSPECTIVES.

ARCHITECTURAL PERSPECTIVE drawings and efficient temporary assistance by a staff of first-class designers, draughtsmen and colorists. Address Secretary, Guild of Artists, Rooms 39 and 40, 430 Walnut Street, Philadelphia, Pa. t.f.

THE connection between the undersigned and Mr. William Winthrop Kent, relating to the Cathedral of St. John the Divine, having been dissolved by mutual consent, we have purchased his interest therein and all accounts and other matters relating thereto have been adjusted to our mutual satisfaction.

In terminating our business relations with Mr. Kent, we desire to state that he was jointly associated with us in producing the plans of the proposed cathedral, which were submitted to the trustees in open competition and procured the invitation for further elaboration thereof. Dated, New York, October 24, 1892. HEINS & LAFARGE. 883

ARCHITECTS' REMOVALS.

ANGUS S. WADE has removed to the Hale Building, corner of Juniper and Chestnut Streets, Philadelphia. 885

COMPETITION.

Competitive Designs Solicited for a Complete Church Plant.

CHURCH EDIFICE and RECTORY, also PARISH BUILDINGS including CHAPEL, SUNDAY-SCHOOL ROOMS, PARISH SCHOOL, GUILD ROOMS.

To cost about $100,000. Details of general requirements furnished.

882 **Address "VESTRY," Box 249, Rochester, N. Y.**

BLUE PRINTS Best Heavy French Paper 5 cents per square ft. Spaulding & Moss, 53 State St., Boston, Mass.

Architectural Instruction.

813 LINCOLN BUILDING, UNION SQ., NEW YORK.

Home Study in Architecture. For Particulars address C. POWELL KARR, *Architect*. t.f.

The following advertisements are omitted in this issue in favor of the Classified Index.

Blake Bell Co.
L. Haberstroh & Son.
Huyett & Smith Mfg. Co.
Hydraulic-Press Brick Co.
J. Miller & Bro.
New Jersey Wire Cloth Co.
Oakley & Keating.
Passaic Rolling Mill Co.
Perth Amboy Terra-Cotta Co.
Randolph & Clowes.
Smith & Egge Mfg. Co.
E. Thiele.
Tirrill Gas-Machine Co.
Tucker & Sons.
E. Van Noorden & Co.
J. Williams.
E. H. Wootton.

ARCHITECTS' REMOVALS.

JOHN CARL has opened an office at 60 West Twenty-second Street, New York City, and desires catalogues and samples of building supplies. 885

AMOS J. BOYDEN and James Knox Taylor are now associated in the practice of architecture under the firm name of Boyden & Taylor, at 413 Walnut St., Philadelphia, Pa. 885

PATRICK A. TRACY will open an office at Stoughton Building, 14 State Street, Boston, on November 21st. 885

A. L. HUSBANDS has opened an office in Cookshire, P. Q., Canada, and desires catalogues and samples from dealers in building supplies. 885

RAND & TAYLOR have removed to the New England Mutual Insurance Company's Building, 87 Milk Street, Boston, Mass. 884

F. H. KIMBALL and G. KRAMER THOMPSON have removed to 55 Broadway, New York City. 884

J. ALCIDE CHAUSSE, 153 Shaw Street, Montreal, P. Q., has opened a branch office at 3124 Notre Dame Street, Ste. Cunegonde, P. Q. 884

BUILDING PATENTS.

[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

485,805. ICE-FORMING AND PRESERVING ROOM.—James M. Rosse, Nyack, N. Y.

485,811. SHUTTER-WORKER. — John N. Farnham, Waltham, Mass.

485,833. TWO-WAY SANITARY TRAP.—Timothy J. Barrow, Chicago, Ill.

485,870. METAL FRAMEWORK FOR BUILDINGS. — Joseph M. Larimer, Chicago, Ill.

485,871. STRUCTURAL WORK FOR BUILDINGS.—Joseph M. Larimer, Chicago, Ill.

485,887. REVERSIBLE WINDOW-SASH. — Gottlieb Schmidt, Philadelphia, Pa.

485,892. WATER-HEATER. — John H. Shivlar, Beloit, Kansas.

485,889. LOCK. — August O. Tannenberg, New Orleans, La.

485,926. DEVICE FOR AUTOMATICALLY CLOSING AND OPENING SLIDING DOORS.— James A. Gatfield, Durham, Canada.

485,934. DOOR OPERATOR AND SUPPORTER.—John A. Hess, Benton Harbor, Mich.

485,960. WATER-CLOSET ATTACHMENT.— Isaac A. Martin and Charles T. Hammon, Ouray, Col.

485,979. SPEAKING-TUBE. — William Perpente, New Haven, Conn.

485,983. CONSTRUCTION AND LAYING OF SUBAQUEOUS TUNNELS.— Robert Powell, Cleveland, Ohio.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING NOVEMBER 18, 1892.

From Amsterdam. — Steamer "*Zaandam*," 1,000 casks cement, order. Steamer "*Rotterdam*," 2 bags cement, Ed. Foley; 1,000 casks cement, E. Thiele; 3,410 do., order.

From Bremen. — Ship "*Stella*," 2,500 barrels Portland cement, order.

From Ghent. — Bark "*Endymion*," 2,000 barrels cement, order.

BACK NUMBERS WANTED.

The publishers of the *American Architect* would like to purchase a few copies of

Nos. 801, 807 and 827

of the REGULAR edition, and of

Nos. 790, 794 and 795

of the IMPERIAL edition. Double price will be paid for copies in good condition.

Full price will be paid for copies in good condition of the following numbers.

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See last or next issue for the following advertisements.

Bailey Reflector Co.
Belmont Iron Works.
Berry Bros.
J. E. Bolles & Co.
Boston Blue Print Co.
Bridgeport Wood Finishing Co.
Central Expanded Metal Co.
Crane & Halpin.
Frost & Adams.
Gorton & Lidgerwood.
New York Metal Ceiling Co.
Okonite Co.
Wm. Powell & Co.
J. B. Prescott & Son.
Samson Cordage Works.
J. J. Schillinger.
Standard Mfg. Co.
Stebbins Mfg. Co.
N. & G. Taylor Co.
Thorn Shingle and Ornament Co.
Wehn Pavement Co,
Wood Mosaic Co.

See the first issue of the month for the following advertisements.

Brooks, Shoobridge & Co.
Bureau Bros.
Dubois Mfg. Co.
Esterbrook Pen Co.
I. P. Frink.
H. M. Hansen.
J. H. Hiller.
Lane Bros.
National Carving Company.
A. G. Newman.
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F. O. Norton.
R. W. Parry.
Philadelphia Blue Print Co.
W. R. Pitt.
J. J. Read.
J. B. Shannon & Sons.
E. Thiele.
A. B. & W. T. Westervelt.

IMPORTS OF BUILDING MATERIALS, Etc.

From Glasgow. — Steamer "*State of California*," 330 cases granite, 33 do. polished granite, Austin, Baldwin & Co.; 22 cases granite, New York Granite Co.; 6 do., R. F. Downing & Co.; 27 stones, G. P. Sherwood; 15 cases granite, order. Steamer "*Ethiopia*," 3 cases granite, Henderson Bros.

From Hamburg. — Steamer "*Cheruskia*," 3,620 loaves asphalt, Sicilian Paving Co.; 500 casks cement, Gabriel & Schall; 1,220 do., E. Thiele.

From Hillsboro, N. B. — Schooner "*Hannah F. Carlton*," 470 tons rock plaster, Jed Frye & Co.

From Hull.—Steamer "*Galileo*," 167 tons cliff stone, Sanderson & Son.

From Leghorn. — Steamer "*Columbia*," 22 blocks marble, order.

From Liverpool. — Ship "*Susquehanna*," 51,300 bricks, order. Steamer "*Bovic*," 234 casks bricks, Brown Bros. & Co. Steamer "*The Queen*," 21 logs mahogany, order.

From London. — Steamer "*Canada*," 650 casks cement, Bank of British North America; 500 do., Baring Bros. & Co.; 1,500 casks cement, 1,930 do., order. Steamer "*Lydian Monarch*," 1,130 casks cement, E. Thiele; 1,000 do., C. J. Stevens; 1,500 do., order. Steamer "*England*," 1,000 casks cement, C. J. Stevens; 7 logs wood, J. Copcutt & Co; 8 do., Wi lard Hawes & Co.; 2,250 casks cement, 980 do., order. Steamer "*Manitoba*," 1,200 casks cement, Baring Bros. & Co.; 500 do., Hammill & Gillespie; 250 do., order.

From Marseilles.—Steamer "*Burgundia*," 5 blocks marble, A. Roussel; 3 do., order.

From Port Spain.—Schooner "*Martin C. Ebel*," 550 tons asphalt, J. W. Wuppermann.

(*Continued on page xv.*)

FACTS ABOUT

HARD OIL FINISH.

PLAGIARISTS.

Without doubt one of the most obnoxious class of people to Authors, and men of letters generally are plagiarists, those who, lacking originality themselves, appropriate or imitate the ideas of others to derive profit therefrom. Plagiarists are not confined to the world of letters however, and commercial life can furnish plenty of examples of the same class.

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IMPORTS OF BUILDING MATERIALS, Etc.

From Rotterdam. — Steamer "*Amsterdam*," 1,500 casks cement, E. Thiele.

From Stettin. — Steamer "*Cremon*," 1,960 barrels cement, Emil Kauter; 750 do., H. Marquardt & Co.; 1,000 do., E. Thiele; 2,000 do., order.

From St. John, N. B. — Schooner "*Ella Maud*," 1,900 barrels lime, order.

From Trinidad. — Schooner "*Norman*," 416 tons crude asphalt, Middleton & Co.

From Vera Cruz. — Steamer "*City of Alexandria*," 977 blocks marble, E. Zarang & Co.

From Windsor, N. S. — Schooner "*Gypsum Princess*," 1,125 tons plaster, J. F. Whitney & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Brooklyn, N. Y. — *Bushwick Ave.*, e s, bet. De Kalb Ave. and Kosciusko St., three-and-one-half-st'y brick home, slate roof, three-st'y brick extension, tin roof, internal and other alterations; cost, $15,000; owner, Home for the Aged of the Little Sisters of the Poor, Bushwick and De Kalb Aves.; architects, Parfitt Bros., 26 Court St.; builder, Jos. Wagner, 82 Debevoise St.

Thirty-ninth St., n w cor. Second Ave., one-st'y brick ferry-house, tin roof, one-st'y brick extension, tin roof; cost, $15,000; owners, New York and South Brooklyn Ferry Co., J. W. Ambrose, 575 Lexington Ave.; architect, A. Manne, 55 Broadway.

Livingston St., No. 232, two-st'y brick dwell., tin roof, two-st'y brick extension, tin roof, and other alterations; cost, $6,000; owner, George Dietrich, 1 Elm Pl.; architect and builder, C. Dietrich, 27 Boerum Pl.

Camden, N. J. — *Linden and Third Sts.*, alteration to dwell.; owner, T. M. Heston.

Sycamore St., Nos. 1128-1130, alteration to two dwells.; owner, Jacob Heator.

Pearl St., No. 122, addition to dwell.; owner, Thomas Heston.

South Fourth St., No. 828, alteration to store; owner, Gilbert Hires.

Walnut and Front Sts., alteration to dwell.; owner, W. H. Dougherty.

Carter's Alley, alteration to stable; owner, F. P. Middleton.

Chestnut Hill, Pa. — Alteration to dwell.; owner, Wm. Bement; architect, T. Roney Williamson, 138 South Fourth St., Philadelphia.

Chicago, Ill.—Chicago Polyclinic, two-st'y addition, 174-176 East Chicago Ave.; cost, $8,000.

John A. Adams, two-st'y addition, 230-236 Adams St.; cost, $55,000.

Mercy Hospital, four-st'y addition, Calumet Ave. and Twenty-sixth St.; cost, $6,500.

Paul Rothbarth, four-st'y addition, 473 Dearborn St.; cost, $5,000.

Llano, Texas. — The Llano public school-building will be remodelled, at a cost of about $6,000.

Philadelphia, Pa. — *Edward and Second Sts.*, enlargement of brewery of C. Schmidt & Sons; contractor, L. R. Elliott, 1700 North Eighth St.; architect, Otto C. Wolf, n e cor. Broad and Arch Sts.

Clinton St., n e cor. Eleventh St., alterations and additions to three-st'y brick dental college; builder, Lewis Haneus, 518 Girard Building.

North Broad St., No. 861, alterations and additions to dwell.; owner, Dr. C. C. Faught; contractor, Jos. Bird, 1029 Race St.; architect, Angus S. Wade, Hale Building, Chestnut and Juniper Sts.

Pottstown, Pa. — Addition to Colonnade Hotel; architect, Edwin F. Bertolette, Sibley Building, 1218 Filbert St., Philadelphia.

BUILDING INTELLIGENCE.

APARTMENT-HOUSES.

Boston, Mass. — *Hull St., No.* 7, cor. Snelling Pl. Ward 6, five-st'y brick apartments, flat roof, 24' x 40'; owner, Paul Arato; builders, Coon & Hall.

New York, N. Y. — *Henry St.*, s s cor. Jefferson St., six-st'y brick flat, tin roof; cost, $30,000; owner, Harry Fishel, 16 Jefferson St.; architect, Max Muller, 21 Centre St.

Tenth Ave., e s, 38' 10" n Thirty-second St., five-st'y brick flat, tin roof; cost, $20,000; owner, Henry Harburger, 400 West Twenty-eighth St.; architects, Thom & Wilson, 1267 Broadway.

Sixty-fifth St., s s, 150' w Eighth Ave., five-st'y brick flat, tin roof; cost, $30,000; owners, McDowell Bros., 2305 Eighth Ave.; architect, John C. Burne, 101 West Forty-second St.

Amsterdam Ave., e s, 49' s One Hundred and Forty-ninth St., 2 five-st'y brick flats, tin roofs; cost, $56,000; owners, Jacob Vix & Son, 458 West One Hundred and Fiftieth St.; architect, George H. Griebel, 247 West One Hundred and Twenty-fifth St.

One Hundred and Ninth St., s s, 200' e Second Ave., 9 five-st'y brick flats, tin roofs; cost, $153,000; owner, Mathew Coogan, 448 East One Hundred and Fifteenth St.; architect, A. Spence, 163 East One Hundred and Twenty-fifth St.

One Hundred and Sixth St., n s, 100' e Tenth Ave., 4 five-st'y brick flats, tin roofs; cost, $108,000; owner, Felix Krupp, 312 West One Hundred and Seventeenth St.; architect, Henry Davidson, 130 West Twenty-third St.

One Hundred and Seventeenth St., n s, 100' e Madison Ave., 5 five-st'y brick flats, tin roofs; cost, $95,000; owner, Tillie E. Smith, 1835 Madison Ave.; architect, A. F. Leicht, 62 Liberty St.

One Hundred and Eighteenth St., n s, 100' w Eighth Ave., 6 five-st'y brick flats, tin roofs; cost, $120,000; owner, Richard E. Johnston, 719 St. Nicholas Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Stanton St., s e cor. Lewis St., six-st'y brick flat, tin roof; cost, $30,000; owner, Bernhardt Galewski, 168 Henry St.; architects, Schneider & Herter, 48 Bible House.

Morris Ave., e s, from One Hundred and Fifty-fourth to One Hundred and Fifty-fifth St., 2 four-st'y brick flats, tin roofs; cost, $32,000; owner, Marie E. Algie, 19 West One Hundred and Thirty-fifth St.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

Worcester, Mass. — *Wellington St.*, four-st'y brick and stone apartment block; owners and contractors, Pellet Bros.

CHURCHES.

Camden, N. J.—*Broadway and Merrick Sts.*, Church of the Saviour; architects, Hazelhurst & Huckel, Drexel Building, Philadelphia.

Philadelphia, Pa. — *York and Seventeenth Sts.*, church and chapel for the West York St. Methodist-Episcopal Congregation; Romanesque style; pastor, Rev. Henry Frankland; architect, Frank R. Watson.

Kingsessing Ave. and Forty-seventh St., brick chapel and parish-house; builders, Thomas Little & Son, 217 Pear St.

FACTORIES.

Boston, Mass. — *A St.*, cor Unnamed St., Ward 13, six-st'y brick factory, flat roof, 62' x 210'; owner, S. B. Wormwood.

Brooklyn, N. Y.—*Kent Ave.*, n e cor. North First St., five-st'y brick factory and warehouse, gravel roof; cost, $128,000; owner, P. Young, 37 South Third St.; architect, E. Dennis, 115 Himrod St.

Cincinnati, O. — John C. Moore, four-st'y factory, South St.; cost, $2,500; architect, Adam Bast.

Philadelphia, Pa. — *Callowhill St.*, n e cor. Thirteenth St., five-st'y brick, stone and iron factory; owner, E. Heid; architect, J. F. Stuckert, 524 Walnut St.

Wharton St., n s, w Seventh St., three-st'y brick factory; owners, Whilldin Pottery Co., 713 Wharton St.

Master St., n s, w Twenty-second St., three-st'y

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Chicago: A. C. Stites, 931 Rookery Building.

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brick factory; builder, D. M. Nuneweiller, 2132 Buttonwood St.

Tioga St., s s, w Trenton Ave., three-st'y brick factory; builders, Wm. Steele & Son, 506 Walnut St.

Marshall St., No. 421, two-st'y brick factory; builder, Jos. F. Myres, 516 Willow St.

Eighth St., e s, n Somerset St., two-st'y brick factory; builder, Robert Craig, 2821 North Sixth St.

HOUSES.

Boston, Mass. — *Main St., No.* 182, *rear*, Ward 5, three-st'y frame dwell., flat roof, 22′ x 30.6′; owner, Walter Nash; builder, C. O. Stone.

Chapman Ave., near Tucker St., Ward 24, frame dwell., 21′ x 30.6′; owner, G. S. Morse; builder, Wm. Trott.

Longfellow St., No. 14, Ward 24, frame dwell., 19.6′ x 32.6′; owner, Orson G. Stanley.

Crescent Ave., nearly opp. Spring Garden St., Ward 24, three-st'y frame dwell., 27′ x 57.9′; owner and builder, Richard O. Dana.

Glen Road, near Harvest St., Ward 24, frame dwell., 29′ x 45′; owner, F. C. Skinner; builder, T. A. Paterson.

Leeds St., near Savin Hill Ave., Ward 24, three-st'y frame dwell., flat roof, 23′ x 48′; owner and builder, J. W. Douse.

Ashmont St., cor. Carruth St., Ward 24, frame dwell., 30.7′ x 39.6′; owner, C. F. Kittredge; builders, Whittaker & Gerrish.

Spring Lane Ave., No. 67, Ward 23, three-st'y frame dwell., pitch roof, 30.6′ x 51′; owner, J. A. Brennan; builder, G. A. Brennan.

Brookford St., cor. Danube St., Ward 20, 2 three-st'y frame dwells., flat roofs, 24′ x 57′ and 23′ x 52′; owner and builder, Guy Clifford.

Heath St., No. 361, *rear*, Ward 22, 2 three-st'y frame dwells., flat roofs, 23.8′ x 39.4′; owner, Patrick Owens; builders, R. D. Ward & Co.

Brooklyn, N. Y. — *Lafayette Ave.*, n s, 220′ e Stuyvesant Ave., 5 three-st'y brick dwells., tin roofs; cost, $5,500 each; owner, Charles Rissler, 324 Bleecker St.; architect, Benjamin Finkensieper, 93 Broadway.

Seventh Ave., e s, 60′ n Fourth St., 2 four-st'y brick dwells., tin roofs; cost, $18,000; owner, B. F. McCauley, 432 Eleventh St.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Lexington Ave., n s, 200′ w Marcy Ave., 4 four-st'y brick dwells., gravel roofs; cost, $10,000 each; owner and architect, Hector Toulmain, 431 Gates Ave.

Pacific St., n s, 100′ w Saratoga Ave., 9 two-st'y frame dwells., gravel roofs; cost, $2,000 each; owner and architect, J. F. Kentana, 716 Fourth Ave.

Camden, N. J. — *Railroad Ave.*, s Vanhook St., three brick dwells.; owner, T. Collins, 1706 Railroad Ave.

Florence St., e Eighth St., two-st'y frame dwell.; owner, Gifford Stubbs, 1930 South Sixth St.

Cincinnati, O. — Ben. Wrede, four-and-one-half-st'y dwell. and store, Baymiller St.; cost, $7,000; architect, P. Pfeiffer.

Joseph Blacker, two-and-one-half-st'y double dwell., Harvey Ave.; cost, $6,500; architect, W. Lawrence.

Xavier B. Drexelius, two-and-one-half-st'y frame dwell., Ingleside Ave.; cost, $5,500; architect, W. S. Robinson.

BUILDING INTELLIGENCE.

Detroit, Mich. — Malcolmson & Higginbotham, 3 three-st'y brick dwells., 527-531 Woodward Ave.; cost, $30,000.

W. J. Newton, four frame dwells., 735, etc., Crawford St.; cost, $7,000.

A. C. Varney & Co., double brick dwell., 1131-1133 Jefferson Ave.; cost, $14,000.

W. J. Calwell, three frame dwells., 38-44 Winslow St.; cost, $9,000.

Steven W. Itsell, brick dwell., High St., near Cass Ave.; cost, $15,000; architect, Wm. L. Joy.

D. C. Spaulding, frame dwell., Brigham St.; cost, $5,000; architect, E. C. Vandeyen.

Dumas & Co., frame dwell., etc., 993 Wabash Ave.; cost, $4,000.

New York, N. Y. — *Decatur Ave.*, w s, 379′ w Southern Boulevard, three-st'y brick and frame dwell., peak shingle roof; cost, $7,000; owner, John Falvey, 151 East One Hundred and Sixteenth St.; architect, Rhyo Smith, 67 Kingsbridge Road.

Tremont St., n e cor. Harrison St., three-st'y brick and frame dwell., peak shingle roof; cost, $3,800; owner, Emile Colletti, 2295 Morris Ave.; architect, A. F. Leicht, 62 Liberty St.

Tremont Ave., n s, 140′ e Harrison St., three-st'y brick and frame dwell., peaked shingle roof; cost, $3,800; owner, John D. Beals, 315 East One Hundred and Twenty-fourth St.; architect, A. F. Leicht, 62 Liberty St.

Tremont Ave., n s, 240′ e Harrison St., three-st'y brick and frame dwell., peak shingle roof; cost, $3,800; owner, Frank Pisek, 347 East Seventy-fourth St.; architect, A. F. Leicht, 62 Liberty St.

Philadelphia, Pa. — *Holmestead St.*, n e s, s Tacony St., 2 two-st'y brick dwells.; owner, H. P. Castor, 3811 Torresdale St.

K St., e s, n Venango St., two brick dwells.; builder, George W. Stroup, 1815 Wensley St.

Lambrecht St., s e, w Fifth St., 14 two-st'y brick dwells.; owner, Ludwig Lambrecht, 3256 North Fifth St.

Fontaine St., n e cor. Seventeenth St., three-st'y brick dwell.; owner, Robert Buchanan, 2025 North Twenty-second St.

Second St., w s, *and Jackson St.*, s s, w Second St., 9 two-st'y brick dwells.; owner, James Lilley, 1222 Snyder Ave.

Lingo Ave., s w cor. Snyder Ave., 4 two-st'y brick dwells.; owner, John Herman, 1213 South Fifteenth St.

Sixty-two-and-one-half St., w s, n Race St., 4 two-st'y brick dwells.; builder, W. A. Arthur, 219 North Sixty-third St.

Farragut St., e s, n Chester St., 4 three-st'y brick dwells.; owner, George Beishlag, 4011 Aspen St.

Jefferson St., n and s s, w Fifty-fifth St., 14 two-st'y brick dwells.; owners, Hunter & Nock, Fifty-fourth St. and Lancaster Ave.

Fifty-fifth St., e s, s Hunter's Lane, 6 two-st'y brick dwells.; owners, Hunter & Nock, Fifty-fourth St. and Lancaster Ave.

Fifty-fifth St., w s, s Hunter's Lane, 8 three-st'y brick dwells.; owners, Hunter & Nock, Fifty-fourth St. and Lancaster Ave.

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Forty-third St., w s, s Ogden St., 3 two-st'y brick dwells.; builder, M. L. Peterman, 873 Brooklyn St.

Forty-three-and-three-fourths St., w s, s Ogden St., 3 two-st'y brick dwells.; builder, M. L. Peterman, 873 Brooklyn St.

Linmore St., s s, e Forty-seventh St., 21 two-st'y brick dwells.; owner, J. C. Moore, 4201 Walnut St.

Germantown St., w s, s Hartwell St., three-st'y brick dwell.; builder, Jos. Hotenstein, Chestnut Hill.

Clinton St., w s, s Rockland St., two-st'y brick dwell.; builder, Lewis B. Bitters, 2917 Poplar St.

North Sixth St., No. 6606, three-st'y brick dwell.; builder, R. J. Kelly, 334 South Fifteenth St.

Queen Lane, n s, e Thirty-fifth St., two-st'y brick dwell.; owner, John Brown, 3434 Queen Lane.

Manayunk Ave., w s, n Ridge Ave., 3 two-st'y brick dwells.; builder, J. W. Fritzmyer, 322 Gates St.

Chelten Ave., n e cor. Chew St., 8 three-st'y brick dwells.; builder, W. J. Phillips, 4907 Main St., Germantown.

Sixth St., e s, n Pike St., two-st'y brick dwell.; owner, John Miller, 3944 North Fifth St.

Cowly St., n s, w Jackson St., 2 two-st'y brick dwells.; owner, George E. Long, 3274 Weikel St

Torresdale St., e s, n Howell St., 2 two-st'y brick dwells.; owner, John W. Rhoads, 3225 Howell St.

Torresdale St., e s, n Howell St., 2 two-st'y brick dwells.; owner, W. B. Harris, 3519 Vankirk St.

Oxford St., n s, e Paul St., two-st'y brick dwell.; builder, James S. Swope, 4629 Frankford Ave.

Fifth St., e s, s Clearfield St., three-st'y brick dwell.; owner, Carl Schmidt, 2607 Harold St.

Salmon St., w s, n Ash St., two-st'y brick dwell.; builders, Koliner Bros., 2737 Ash St.

Orleans St., n s, cor. Emerald St., 13 two-st'y brick dwells.; owners, C. C. Moore & Co., 2001 North Broad St.

Cambria St., n e cor. Eighth St., three-st'y brick dwell.; owner, J. M. Cassel, 2533 North Eighth St.

North Eighth St., No. 2919, two-st'y brick dwell.; owner, L. M. Swope, 2510 Fairhill St.

Franklin St., w s, s Arrott St., three-st'y brick dwell.; builder, George Elliott, 4432 Franklin St.

Ogden St., n s, w Twenty-second St., 6 two st'y brick dwells.; owner, John M. Sharp, 1936 South College Ave.

Myrtle St., n s, w Twenty-second St., 6 two-st'y brick dwells.; owner, John M. Sharp, 1936 South College Ave.

Ogden St., s s, w Twenty-second St., 6 two-st'y brick dwells.; owner, John M. Sharp, 1936 South College Ave.

Myrtle St., s s, w Twenty-second St., 6 two-st'y brick dwells.; owner, John M. Sharp, 1936 South College Ave.

Plans have been prepared for a row of dwells. in the northeastern part of the city; owner, W. Ritter, Norristown, Pa.; architect, Edwin F. Bertolette, Sibley Building, 1218 Filbert St.

South Twenty-first St., No. 267, brick and stone

(*Continued on page* xviii.)

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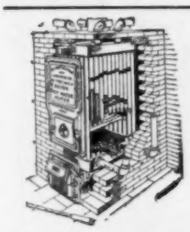

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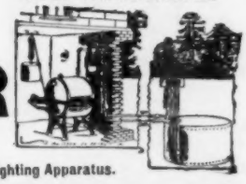

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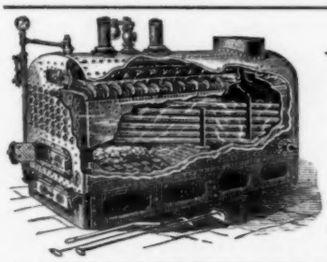

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dwell., slate roof; owner, Lucien Moss; architects, Furness Evans & Co., 209 South Third St.

Girard Ave., n s, w Forty-first St., 6 three-st'y brick dwells.; owner, James I. Comley, Manheim St., Germantown.

Holly St., w s, s Penngrove St., 2 three-st'y brick dwells.; owner, J. H. Virkler, 1008 Belmont Ave.

Penngrove St., s s, e Forty-second St., 8 three-st'y brick dwells.; owner, J. H. Virkler, 1008 Belmont Ave.

Collour St., n s, e Germantown Ave., 5 two-st'y brick dwells.; builder, Wm. Garvin, 5008 Adams St.

Indiana St., s s, w Kipp St., 10 two-st'y brick dwells.; owner, C. Bateson, 4631 Lancaster Ave.

Homestead St., n s, e Tacony St., 2 two-st'y brick dwells.; owner, Howard P. Castor, 5811 Torresdale St.

Somerton St., two-st'y brick dwell.; owner, Wilmer P. Ridge.

Penn St., e s, s Ruan St., 2 two-st'y brick dwells.; builder, W. H. Yelland, 3257 Penn St.

Monmouth St., e s, s Belgrade St., two-st'y brick dwell.; builder, A. McClay, 3026 Richmond St.

Fairhill St., w s, *and Sixth St.*, e s, n Indiana Ave., 2 two-st'y brick dwells.; owner, August Krabo, 517 Indiana Ave.

Leamy St., w s, n Indiana Ave., 10 two-st'y brick dwells.; owner, Jacob Marsch, 329 Indiana Ave.

Point Breeze Ave., cor. Tasker St., three-st'y brick dwell.; builder, Jas. A. Fitzgerald, 1232 South Nineteenth St.

Martha St., w s, s Lehigh Ave., two-st'y brick dwell.; builder, Cornelius Keily, 2936 Ruth St.

Pepper St., n s, w Tulip St., 4 two-st'y brick dwells; builder, F. A. Tomkinson, 134 East Cumberland St.

Indiana Ave., s s, w Seventh St., 16 two-st'y brick dwells.; owners, Woellel & Schmunk, 614 Cambria St.

Franklin St., e s, s Arrott St., three-st'y brick dwell.; owner, Geo. I. Elliott, 4263 Franklin St.

Twenty-third St., w s, n Diamond St., 27 two-st'y brick dwells.; owners, Jas. H. Stevenson's Sons, Ridge Ave. and Diamond St.

Locust St., n s, w Bloyd St., 2 three-st'y brick dwells.; builder, Thomas McGrath, 4814 Bloyd St.

Sixth St., w s, n Rockland St., two-st'y brick dwell.; builder, George Wilson, 429 Fanangle St.

Pomona St., n s, w Morton St., 2 three-st'y brick dwells; builder, J. O. Broadbent, 5016 Main St.

Weiss St., s s, e Mill St., 8 two-st'y brick dwells.; builder, B. L. Collom, *Independent* Building, Germantown.

Mechlin St., s s, e Germantown Ave., 2 two-st'y brick dwells.; builder, B. L. Collom, *Independent* Building, Germantown.

Locust St., Nos. 1222-1224, 2 five-st'y stone dwells.; architects, Furness, Evans & Co., 209 South Third St.

South Twenty-second St., No. 265, three-st'y brick dwell.; builder, W. R. Dougherty, 1604 Sansom St.

Christian St., No. 207, two-st'y brick dwell.; builders, Hallahan Bros., 820 Christian St.

Mercy St., n s, e Front St., 15 two-st'y brick dwells.; builder, John Leonard, 812 North Twenty-seventh St.

Forty-seventy St. and Kingsessing Ave., three-st'y brick and stone parish-house for St. Paul's P. E. Church; builders, Thomas Little & Son, 209 Pear St.; architects, Furness, Evans & Co., 209 South Third St.

Nineteenth and Walnut Sts., three-st'y red sandstone parish-house, mansard and slate roof, for the Holy Trinity Protestant Episcopal Church; builders, Thomas Little & Son, 217 Pear St.; architects, G. W. & W. D. Hewitt, Bullitt Building.

Sixty-third-and-one-half St., w s, s Bellevue St., 5 two-st'y brick dwells.; owner, William Douglass, 63 North Sixty-third St.

Forty-third St., e s, n Fairmount Ave., 5 three-st'y brick dwells.; owner, Thomas C. Sloan, 51 North Fortieth St.

Chestnut St., n s, w Forty-second St., 2 three-st'y brick dwells.; owner, Thomas C. Sloan, 51 North Fortieth St.

Bartram St., e s, n Eighty-fourth St., two-st'y brick dwell.; owner, George Volker, Eighty-fourth and Bartram Sts.

Lowden St., s s, e Front St., two-st'y brick dwell.; builders, Schlecht & Russell, Fox Chase.

McKean St., n s, e Manheim St., three-st'y brick dwell.; builder, George Hearst, 427 School Lane.

Sedgwick St., s s, e Tioga St., 2 three-st'y brick dwells.; builder, George Hearst, 427 School Lane.

C St., e s, n Somerset St., two-st'y brick dwell.; builder, Benjamin Wetzel, 3047 D St.

Leamy St., e s, s Indiana Ave., 6 two-st'y brick dwells.; owner, C. Bateson, 4531 Lancaster Ave.

Ashbourne St., w Hagerman St., 4 two-st'y brick dwells.; builder, William Terry, Delaware Ave., Holmesburg.

Mascher St., w s, s Somerset St., 7 two-st'y brick dwells.; builder, W. B. Franks, 2215 Emerald St.

Broad St., w s, n Dauphin St., 2 three-st'y brick dwells.; owner, Jeremiah Frantz, 2343 North Fifteenth St.

Three-st'y brick and stone dwell.; architect, Chas. Brown, 717 Walnut St.

Leverine St., w Germantown Ave., 2 three-st'y brick dwells.; owner, Joseph Rinker, Leverine St., Chestnut Hill.

Lawrence St., e s, n Venango St., two-st'y brick dwell.; owner, Patrick Gaffney, 3614 North Fifth St.

Mulberry St., w s, s Foulkrod St., two-st'y brick dwell.; builder, Alfred Gray, 4728 Mulberry St.

Reese St., e and w s, s Glenwood Ave., 23 two-st'y brick dwells.; builder, L. Lambrecht, 3256 North Fifth St.

Clearfield St., n s, e Jasper St., 2 two-st'y brick dwells.; builder, W. D. Huston, 2517 North Sixth St.

Amber and Evans Sts., s Clearfield St., 4 two-st'y brick dwells.; builder, E. Stackhouse, 3114 Emerald St.

Richmond St., No. 2006, three-st'y brick dwell.; builder, Charles Judge, 3014 Richmond St.

Fifty-seventh St., n s, n Vine St., two-st'y brick dwell.; builder, Jos. Megary, Fifty seventh St. and Westminster Ave.

Fortieth St., n w cor. Locust St., three-st'y brick dwell.; builder, F. H. Vodges, 3907 Aspen St.

Archer St., e s, *and Hunting Park*, 18 two and three-st'y brick dwells.; owner, Jno. Enochs, 1429 Diamond St.

Wisteria St., s s, w Miller St., 2 two-st'y brick dwells.; builder, Jas. Hilyer, 56 Mechlin St.

Philip St., e s, n Berks St., 3 two-st'y brick dwells.; builder, Jos. Miller, 1921 North Second St.

Mt. Vernon St., No. 1619, three-st'y brick dwell.; builder, Charles Auchter, 1533 North Twenty-seventh St.

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PROPOSALS.

Thompson St., s e cor. Seventeenth St., 6 three-st'y brick dwells.; builder, Thomas Smith, 1645 North Twenty-seventh St.

Twenty-sixth St., w s, s Dauphin St., 2 two-st'y brick dwells.; builder, W. F. Kelly, 1800 North Seventeenth St.

Providence, R. I. — *Cook St.*, n e cor. Power St., two-and-one-half-st'y frame dwell.; cost, $8,000; owner, Patrick Moroney; architect, E. I. Nickerson; builders, Wm. Gilbane & Bros.

Princeton Ave., s s, two-and-one-half-st'y frame dwell.; owner, E. G. Borrows, Jr.; architect, F. E. Field; builder, E. R. Wheeler.

Mailboro St., w s, three-st'y frame dwell.; cost, $3,000; owner, Celia A. Bowen; builders, Charles Bros.

High St., n s, near Knight St., two-st'y brick dwell. and stores; owners, American Building Co.; architect, J. Shaw, Jr.; builder, F. B. Ross.

Worcester, Mass.—*Lyons St.*, two st'y frame dwell.; owner, J. Bertels; contractor, M. E. Brosnihan.

Ekman St., two-st'y frame dwell.; owner, C. F. Sandberg; contractors, Bernstrom & Olson.

Shattuck St., two-st'y frame dwell.; owner, E. Cross; contractor, O. M. Ball.

Millbury St., three-st'y frame dwell.; owner, Mrs. Celia Thompson; contractors, Yates & Delaney.

June St., two-st'y frame dwell.; owner, Mrs. D. M. Disney; contractor, W. B. Richardson.

Lyons St., two-st'y frame dwell.; owner, J. Bertels; contractor, M. E. Brosnihan.

Waverley St., three-st'y frame dwell.; owner, James Cronin; architect, A. J. Harrington; contractor, J. A. Courtemanche.

Lake St., one-and-one-half-st'y frame dwell.; owner and contractor, George W. Smith.

Francis St., one-and-one-half-st'y frame dwell.; owner and contractor, J. W. Brown.

Grove St., two-st'y frame dwell.; owner and contractor, G. A. Brigham; architects, Patston & Lincoln.

Alvardo Ave., 4 two-st'y frame dwells.; owner, H. H. Bigelow; contractors, Ward & Blanding.

Queen St., two-st'y frame dwell.; owner, H. L. Stockwell; contractors, Belisle & Maynard; architects, Earle & Fisher.

Malvern Road, one-and-one-half-st'y frame dwell.; owner, J. S. Perry; contractor, Wm. O. Burns.

OFFICE-BUILDINGS.

Little Rock, Ark. — The Mutual Life Insurance Co. of New York will build a six-st'y office-building, to cost about $300,000.

PUBLIC BUILDINGS.

Brentsville, Va.—The building of a court-house and jail, to cost about $15,000, is contemplated.

STORES.

Detroit, Mich. — A. C. Varney & Co., three-st'y brick store, 80-82 Congress St.; cost, $12,000; brick barn, 575 Jefferson Ave.; cost, $7,000; brick barn, 674 Eighth St.; cost, $6,000.

R. H. Fyfe, block of stores, Woodward and Adams Aves.; contractors, Bunting & Co.

WAREHOUSES.

Baltimore, Md.—A. Gottschalk will build four-st'y brick warehouse, n e cor. Davis and Saratoga Sts.

Trustees Johns Hopkins Hospital will build four st'y brick warehouse, s w cor. Grant and Water Sts.

MISCELLANEOUS.

Bradford City, Va. — Market-house, to cost about $5,000, will be built; contractor, E. G. Buck.

Detroit, Mich.—Malcolmson & Higginbotham, four-st'y brick manufactory, 114-116 St. Aubine Ave.

BUILDING INTELLIGENCE.

cost, $16,000; also brick barn, 61-64 Fort St.; cost, $12,000.

Fort Wayne Railway Co., press-brick power-house, barn, etc.; cost, $4,500; architect, Gordon W. Lloyd.

Detroit Water Commissioners, engine and boiler rooms; cost, $25,000; contractor, A. Chapoton.

PROPOSALS.

VAULT AND SAFE WORK.

[At Boston, Mass.]

BOSTON, November 18, 1892.

OFFICE OF CHARLES BRIGHAM, ARCHITECT, 27 MT. VERNON ST., BOSTON, MASS.

Sealed proposals will be received at this office **until 12 M., Friday, December 2, 1892,** for materials and labor required in the burglar-proof construction of the treasurer's vault and other similar work for the Massachusetts State House Extension.

Plans and specifications may be seen at the office of the architect on and after Friday, November 25, 1892.

The commissioners reserve the right to reject any and all bids; and bids received after the time stated will not be considered.

All bids are to be marked "Proposals for Vault and Safe Work for the Massachusetts State House Extension, Boston, Mass."

JOHN D. LONG, BENJ. D. WHITCOMB, WM. ENDICOTT, JR. } State House Construction Commissioners.

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Treasury Department, Office of the Supervising Architect, Washington, D. C., November 19, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 20th day of December, 1892, and opened immediately thereafter, for all the labor and material required for the excavation, foundations, stone and brickwork, floor and roof construction, roof covering, etc., for the United States Custom-house and Post-office building at St. Albans, Vermont, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at St. Albans, Vermont. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Excavation, Foundations, Stone and Brickwork, Floor and Roof Construction, Roof Covering, etc., for the United States Custom-house and Post-office building at St. Albans, Vermont," and addressed to W. J. EDBROOKE, Supervising Architect. 884

Proposals for Marble-work. Office of Building for Library of Congress, 145 East Capitol Street, Washington, D. C., November 5, 1892. Sealed proposals for furnishing, delivering and putting in place complete the interior polished marble wainscoting, finish, etc., required for the building for the Library of Congress, in this city, will be received at this office until 2 o'clock P. M. on Monday, the 28th day of November, 1892, and opened immediately thereafter in presence of bidders. The work comprises nine distinct parts of the building and kinds of marble; namely, colored veined white, Rutland white, Sutherland Falls white, Brandon, West Rutland blue, Champlain, Tennessee and Georgia, for which separate bids will be received and separate contracts awarded. Samples of stone and workmanship required may be seen at the building. Specifications, general instructions and conditions and blank forms of proposal may be obtained on application at this office. BERNARD R. GREEN, Superintendent and Engineer. 883

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[See Alphabetical Index on page XVII for Pagination].

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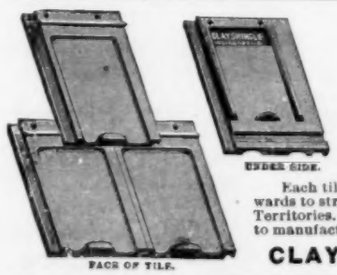

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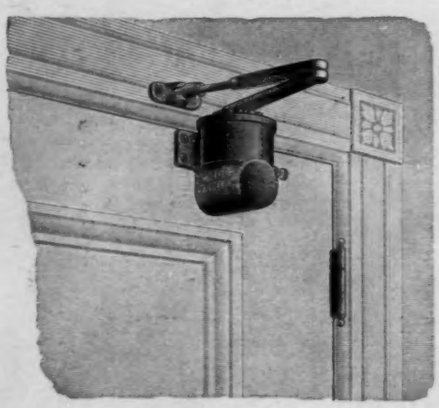

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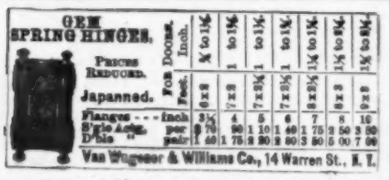

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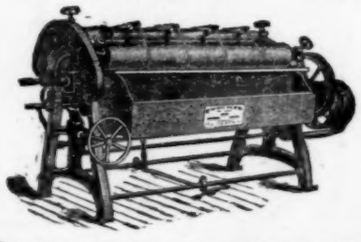

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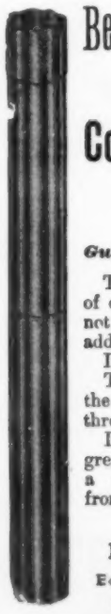

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Boards: *(Ordinary dimensions.)*				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	30 00 @ 47 00	48 00 @ 55 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	25 00 @ 28 00	40 00 @ 45 00
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce	@ 25 00	14 50 @ 25 00	*Not sold.*	16 00 @ 20 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
Yellow pine	20 @ 40	25 00 @ 35 00	29 00 @ 37 00	14 00 @ 29 00
Cypress	@	31 00 @ 40 00	@	@ 35 00
Clapboards:				
Pine	@	38 00 @ 60 00	10 00 @ 22 00	14 00 @ 25 00
Spruce	@	23 00 @ 38 00	*Not sold.*	*Not sold.*
Framing Timber:				
Pine			12 00 @ 15 00	25 00 @ 37 30
Spruce	14 00 @ 18 00	15 50 @ 18 00	*Not sold.*	16 00 @ 18 00
Hemlock	12 00 @ 16 00	13 00 @ 15 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine	18 00 @ 21 00	22 00 @ 35 00		22 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 50	2 10 @ 2 25	2 75 @ 3 00
Spruce	2 85 @ 3 00	2 35 @ 2 50	*Not sold.*	2 30 @ 3 00
Shingles:				
Pine, shaved ₱ M	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed "	4 00 @ 5 00	@ 4 50	2 20 @ 3 00	
Spruce, sawed "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	30" $35 @ 40
Cedar split ₱ M	@	@	*Not sold.*	24" 8 @ 21
Cedar sawed " "	@	2 00 @ 4 00	2 00 @ 2 35	20" 35 @ 14
Cypress. Split....7 x 24. "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P. 10 00 @ 18 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. *(First Qual.*				
Ash.....*[Kiln-dried.)*	@ 55 00	45 00 @ 60 00	30 00 @ 35 00	30 00 @ 40 00
Cherry	80 00 @ 120 00	90 00 @ 120 00	80 00 @ 110 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	50 00 @ 60 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood (Mexican)	@ 180 00	150 00 @ 160 00	150 00 @ 200 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	18 00 @ 35 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	32 00 @ 40 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	22 00 @ 40 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	45 00 @ 50 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	35 00 @ 50 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	35 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	55 00 @ 60 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		@ 7	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	55 00 @ 100 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	18 00 @ 40 00	25 00 @ 40 00
Yellow pine ₱ M	@ 45 00	40 00 @ 42 00	29 00 @ 40 00	@ 42 00

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Common: *Cargo afloat.*				In Yard.
Pale	1 75 @ 2 00	Eastern	Building Brick @ 6 50	Sq. Hard @ 9 00
Jersey	4 00 @ 4 75	9 00 @ 10 00		" @ 7 00
Long Island	@	Bay State Hard		Salmon @ 5 00
Up River	4 00 @ 4 75	7 00 @ 8 00		Sq. " @ 9 00
Haverstraw Bay 2d	4 75 @ 5 00	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 00 @ 5 25	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium " @ 12 00
Fronts:		20 00 @ 22 00	@ 27 00	Red " @ 13 00
Croton, Brown	@ 13 00	Philadelphia		Dark " @ 13 00
" dark	@ 14 00	40 00 @ 45 00		Pressed @ 13 00
" red	@ 14 00	Phila. mould		Best Paving @ 20 00
Chicago pressed (Anderson)		50 00 @ 80 00	15 00 @ 27 00	Second " @ 14 00
" Moulded			65 00 @ 350 00	Third " @ 13 00
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	Dom. @ 65
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	@ 82
Trenton	22 00 @ 23 00		45 00 @	
Milwaukee			25 00 @	
Moulded:			60 00 @ 100 00	
Glens Falls Red Pressed	@ 37 00		30 @	
" " Buff "	@ 30 00		35 @	
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00		@ 100 00	
Enamelled (edge and end)	90 00 @ 115 00		@ 120 00	
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	85 @ 95	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 50 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 00 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Jessop
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	1 75 @ 2 00	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 85	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 95	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 82	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	21 @ 25	@ 30	30 @ 35	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	90 @ 1 00	50 @	75 @ 90
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	75 @ 1 50
Serpentine	@	19 50 per ton	@ 1 00	₱ Perch @ 4 50

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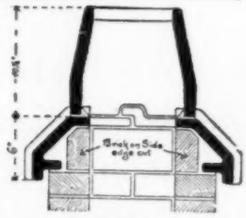

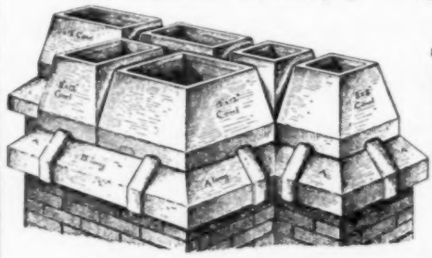

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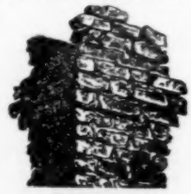

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Foundation:				
Dimension	@	5 00 ₱ ton.	20 @	@ 5 00
Block	@	4 60 ₱ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (₱ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th. 10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 05
Kibbe	@ 90	90 @ 1 10	@	}
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ₱ cub. ft.	1 05 @ 1 25
Amherst Ohio	90 @ 95	90 @ 1 00	45 @ 50	85 @ 95
Berea "	75 @ 1 00	85 @ 90	45 @ 55	85 @ 75
Berlin "	75 @ 1 00	80 @ 90	55 @ 65	85 @ 95
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 00 @ 1 10
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 05 @ 1 15
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	85 @ 1 05
Marble: (₱ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (₱ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	} 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	225 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	00 @ 4 65
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ...₱ M	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. (*In Oil* ₱ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	6½ @ 7	@ 7½
" zinc, "	5 @ 6½	@ 8	7 @ 10½	@ 7
Red lead, Am	6½ @ 7	7 @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	70 @ 5 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (₱ gal.)	55 @ 62	47 @ 48	57 @ 60	@ 60
" " boiled. (₱ gal.)	58 @ 65	50 @ 51	60 @ 63	@ 63
Turpentine (₱ gal.)	36 @ 37	@ 36	51 @ 51	@ 44
Varnish, coach (₱ gal.)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (₱ dry)	75 @ 1 00	1 @ 1½	1 @ 1½	1 @ 1
Paris white, (Eng.) (₱ dry)	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am (₱ dry)	5½ @ 6	7 @ 7½	6½ @ 7	@ 7½
Sienna (burnt) (₱ dry)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber " (₱ dry)	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 75 @ 3 00	per keg @ 2 25
10d. common	@ 2 60	@ 2 10	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 2 75	@ 2 60
Lath	@ 4 85	@ 3 40	@ 3 65	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $1.15	per ℔ 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask
Butts: 4" x 4" (₱ doz. pairs.)	@ 1 00	@ 1 20	@ 90	2 90 (all kinds.) @ 90
Plain	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Acorn, Japanned	@ 65	@ 50	*Not Sold.*	48 @ 50
Ball Tip, Boston Finish (₱ pair.)	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Bronze metal	@ 10	@ 10	@ 12	@ 1 00
Brass (for cupboards.)	@	@	@	@ 35
Ebony	@	@	@	37 @ 1 00
Apple wood	@	@	@	
Knobs: (₱ *set.*)	@ 8	@ 8	8 @ 10	@ 08
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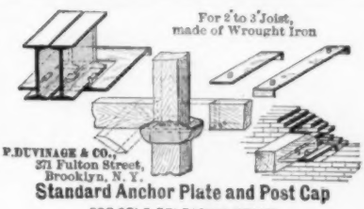
Hematite	@ 30	@ 10	25 @ 30	@ 25
Porcelain	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, solid	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Glass, silvered	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	@	@	13 @ 16	13¼ @ 16
Solder:	@	@ 7½	@ 7	@ 6¼
Sheet Lead	@	@ 6¼	@ 6½	6 @ 6
Lead Pipe	@			
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3½	@ 3 4-10	@	@ 2 8-10
I-Beams, over 30 ft., ½, ¼, ¾ c. advance	@	@	3 20 @ 3 70	@ 2 8-10
Channel Beams	3 3-10 @ 3½	@ 4-10	3 20 @ 3 70	@ 2 8-10



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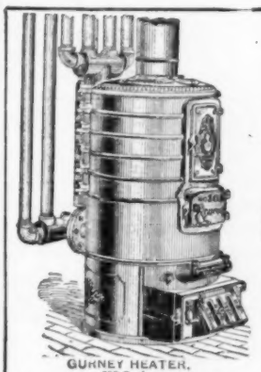

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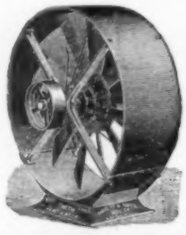

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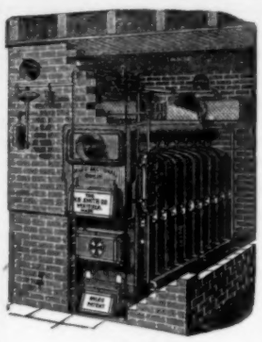

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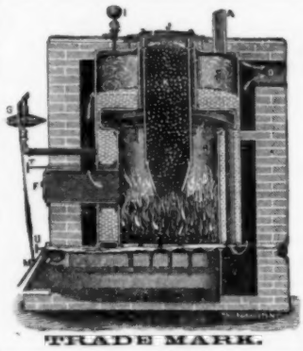

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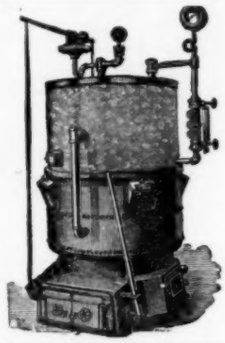

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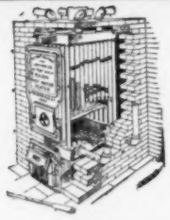

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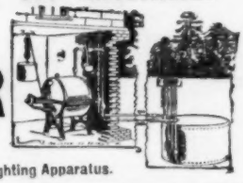

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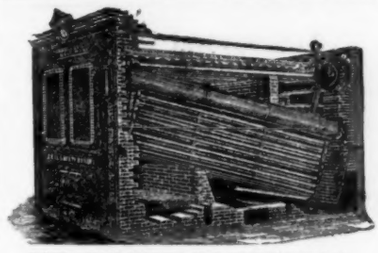

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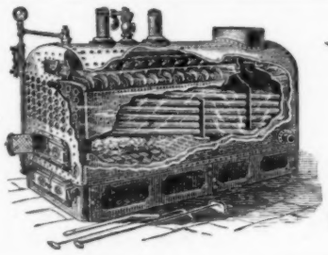

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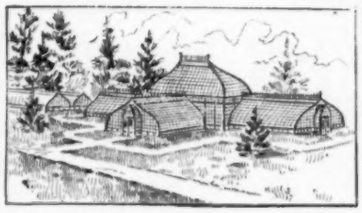

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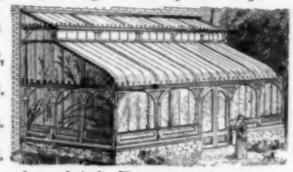

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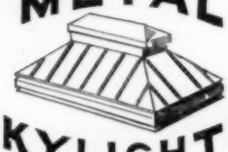

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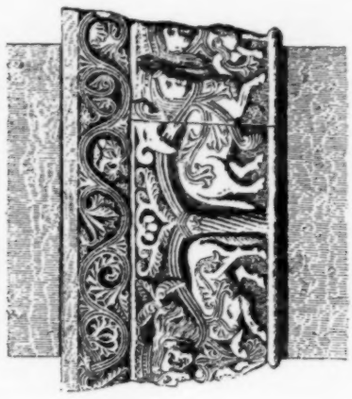

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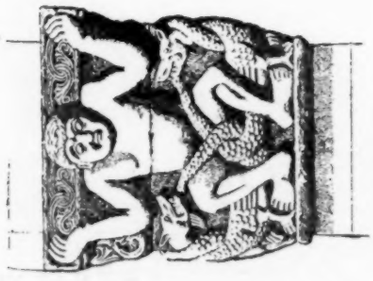

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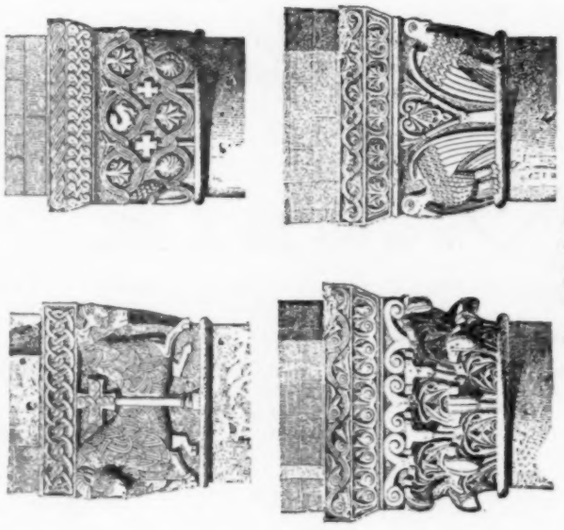

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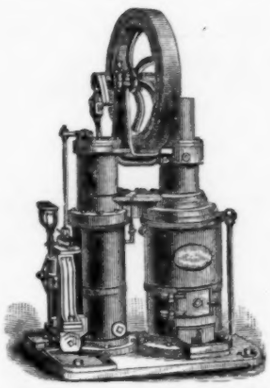

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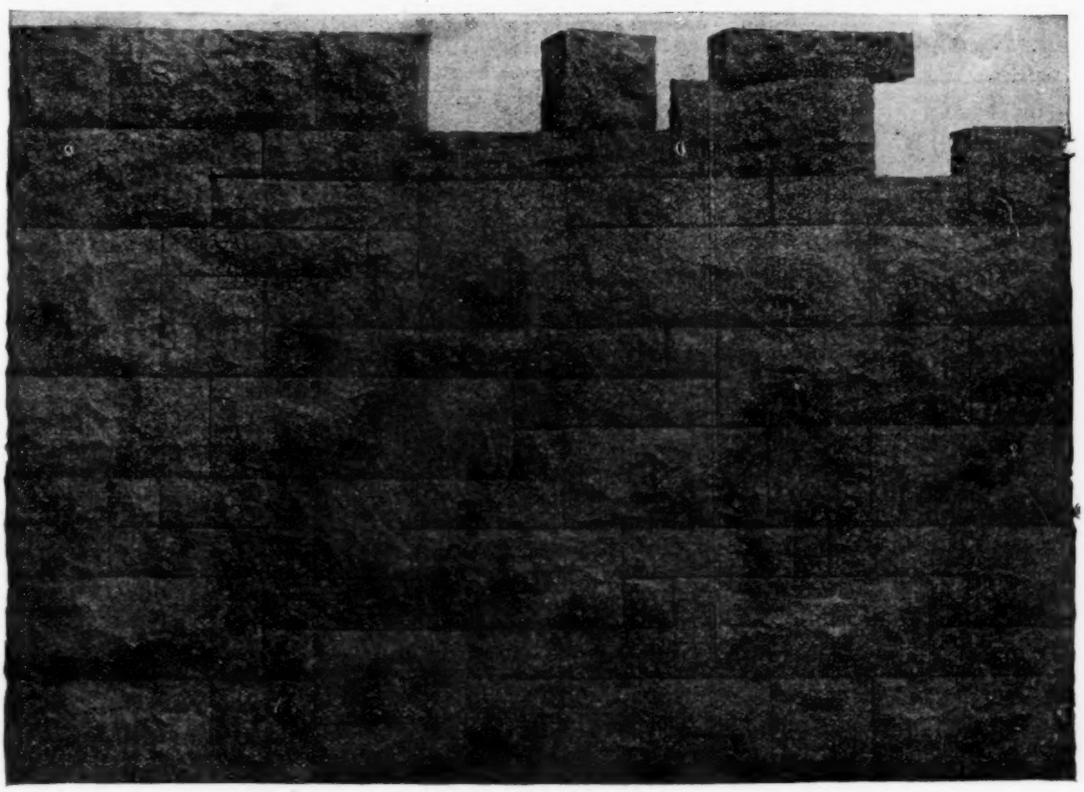

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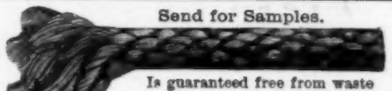

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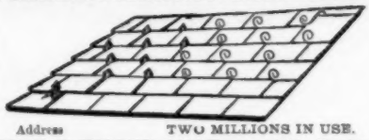

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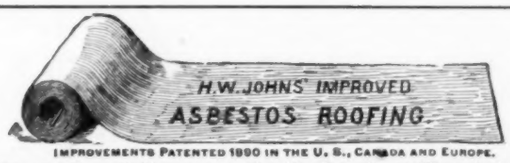

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New Advertisements.

E. S. WHEELER & CO. (New Haven, Conn.), Roofing-Tin. Page ix.
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THE CENTURY CO. (New York, N. Y.), Books, etc. Page xxi.
H. M. HANSEN (Chicago, Ill.), Chimney Toppings. Page vi.
HOUGHTON, MIFFLIN & CO. (Boston, Mass.), Books. Page 6, Supplement.

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PATRICK A. TRACY will open an office at Stoughton Building, 14 State Street, Boston, on November 21st. 885

A. L. HUSBANDS has opened an office in Cookshire, P. Q., Canada, and desires catalogues and samples from dealers in building supplies. 885

RAND & TAYLOR have removed to the New England Mutual Insurance Company's Building, 87 Milk Street, Boston, Mass. 884

F. H. KIMBALL and G. KRAMER THOMPSON have removed to 55 Broadway, New York City. 884

J. ALCIDE CHAUSSE, 153 Shaw Street, Montreal, P. Q., has opened a branch office at 3124 Notre Dame Street, Ste. Cunegonde, P. Q. 884

BUILDING PATENTS.

[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

486,067. AUXILIARY FIRE-POT.—John W. Allan, Minneapolis, Minn.
486,108. SHUTTER-OPENER.—Abijah H. Hull, Odebolt, Iowa.
486,121. HEATER, FURNACE, ETC.—Michael O'Gorman, Jersey City, N. J.
486,134. HOT-AIR FURNACE.—James E. and Joseph L. Spencer, Des Moines, Iowa.
486,161. ELEVATOR.—Alfredo R. Holder, Barcelona, Spain.
486,168. ELEVATOR-BRAKE.—Joseph Rose, Memphis, Tenn.
486,177. GULLY-TRAP.—George Couzens, Cardiff England.
486,186. T-SQUARE.—Winfield G. Thornton, Minneapolis, Minn.
486,208. GAS-HEATING STOVE.—Moses G. Wilder, Philadelphia, Pa.
486,237. SAFE-HINGE.—William A. Schenck, Richmond, Va.
486,243. ELECTRICAL ANNUNCIATOR.—Franklin S. Carter, Burlington, N. J.
486,282. MESSENGER-CALL SYSTEM FOR BUILDINGS.—Frank H. Fuller, Springfield, and Charles B. Perkins, Holyoke, Mass.
486,281. BUILDING-CELL.—Louis H. Giraud, Boston, Mass.
486,319. STAIRCASE.—Patrick H. Barry, New York, N. Y.
486,340. SASH-HOLDER.—John W. Kales, Franklinville, N. Y.
486,341. HATCH-DOOR.—Cuno Kibele, Bluffton, Ind.
486,345. DAMPER-REGULATOR.—Charles C. Coster, New York, N. Y.

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Kinnear & Gager Co.
Link-Belt Engineering Co.
E. B. Moore & Co.
Spaulding & Moss.
B. F. Sturtevant.
J. S. Thorn.

BUILDING PATENTS.

486,367. WAREHOUSE.—Will W. Bierce, Montgomery, Ala.
486,400. RADIATOR.—Charles F. Gessert, New York, N. Y.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING NOVEMBER 25, 1892.

From Amsterdam. — Steamer "*Dubbeldam,*" 1,000 casks cement, E. Thiele; 1,500 do., order.

From Antwerp.—Steamer "*Belgenland,*" 750 barrels cement, order. Steamer "*Rhynland,*" 228 packages structural iron, International Navigation Co.; 173 girders, 500 barrels cement, order.

From Bremen. — Steamer "*Corona,*" 2,184 casks cement, Baetjer & Meyerstein; 337 do., order.

From Copenhagen.—Steamer "*Norge,*" 2,820 casks cement, E. Kauter; 1,400 do., E. A. Holmberg; 1210 do., H. Marquardt & Co.

From Colon. — Steamer "*City of Para,*" 60 logs mahogany, W. L. Rathurn & Co.; 14 do., Eggers & Heinlein.

From Liverpool. — Steamer "*Arizona,*" 23 cases granite, Brown & McGowan. Steamer "*Runic,*" 36 casks bricks, Howard Fleming; 436 do., Meeker & Carter.

From London.—Steamer "*Egyptian Monarch,*" 1,000 casks cement, Chas. J. Stevens; 750 do., order. Steamer "*France,*" 1,234 casks cement, E. Thiele; 20 logs wood, F. B. Vandegriff; 50 casks cement, 1,000 do., order. Steamer "*Greece,*" 1,000 casks' cement, C. J. Stevens.

From Marseilles.—Bark "*Passat,*" 492 tons asphalt, order. Steamer "*Neustria,*" 250 barrels cement, James Brand; 100 do., James R. Ward & Co.

From Port Spain. — Bark "*Christina Redman,*" 700 tons asphalt, order. Schooner "*Lillian Woodruff,*" 400 tons crude asphalt, order.

(*Continued on page* xvii.)

FACTS ABOUT

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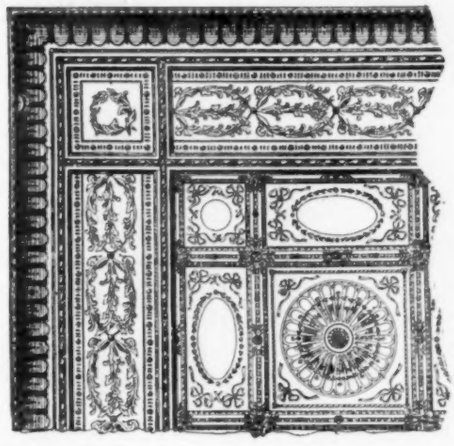

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From Rotterdam. — Steamer "*Massassoit*," 1,000 casks cement, order. Steamer "*Guildhall*," 1,500 barrels cement, E. Thiele; 1,900 do., order.

From San Domingo City. — Steamer "*Geo. W. Clyde*," 86 logs mahogany, Wm. P. Clyde & Co.

From St. Jago. — Steamer "*Cienfuegos*," 11 logs cedar, 150 do., mahogany, C. F. Ferrer & Bro.; 24 do., J. T. Williams & Son; 101 do., Willard Hawes & Co.; 5 do., 36 do., cedar, Jacob Henkel & Co.; 39 logs mahogany, 55 do., cedar, order.

From Tecolutta. — Schooner "*Elsie A. Bayles*," 357 logs mahogany, Henry W. Peabody & Co.

From Trinidad. — Steamer "*Burnley*," 8 barrels asphaltum, Cadenas & Coe; 1,000 tons do., order.

From Windsor, N. S. — Ship "*Calabria*," 800 tons plaster, J. F. Whitney & Co. Schooner "*Gypsum Queen*," 1,035 tons rock plaster, J. F. Whitney & Co. Steamer "*Gypsum Empress*," 1,347 tons lump plaster, J. F. Whitney & Co.

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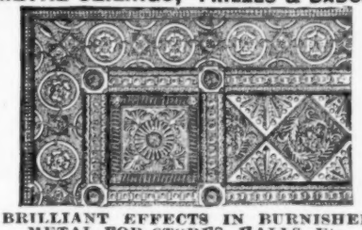

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BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

HOTELS.

Chicago, Ill.—Maper & Greene, six-st'y hotel, 218 223 Sixty-third St.; cost, $50,000.

D. A. Strickland, four-st'y hotel, 3802 3806 Lake St.; cost, $30,000.

The Monroe, four-st'y hotel, 5511 Monroe Ave.; cost, $150,000.

HOUSES.

Baltimore, Md. — P. D. Della, 10 two-st'y brick buildings, s s Fort Ave., bet. Covington and Jackson Sts.

J. F. Weissner & Sons Brewing Co., two-st'y brick building, n w cor. Gay and Lanvale Sts.; and 2 three-st'y brick buildings, n w s Gay St., bet. Lanvale and Federal Sts.

J. S. Margarity, 5 three-st'y brick buildings, e s Broadway, bet. Lanvale and Townsend Sts.

E. S. Hampson, 5 three-st'y brick buildings, w s McCulloh St., bet. Bloom and Gold Sts.

Frank Varrina, three-st'y brick building, n w cor. Castle and Monument Sts.

Aug. Weber, 10 two-st'y brick buildings, e s Anu St., bet. Federal and Lanvale Sts.

Charles A. Allard, three-st'y brick building, n s Baltimore St., w High St.

John A. Evans, 5 three-st'y brick buildings, w s Madison Ave., bet. Clendinen St. and Whitelock Lane.

R. W. Chambers, 8 two-st'y brick buildings, n e s Florence St., bet. Retreat and Clifton Sts.

Brooklyn, N. Y. — *Fifty-fourth St.*, s s, 140′ w Fifth Ave., 4 two-st'y brick dwells., tin roofs; cost, $4,000 each; owner, architect and builder, P. F. Emmet, 1106 Third Ave.

Seventh Ave., s e cor. Carroll St., four-st'y brick dwell., tin roof; cost, $8,000; owner, Thos. Radcliffe, 84 Fulton St.; architect, F. B. Langston, 1239 Bedford Ave.

Clinton St., n w cor. Pacific St., five-st'y brick dwell., tin roof; cost, $30,000; owner and builder, M. McGuire, 9 Winslow Pl.; architect, H. W. Billard, 147 Sixteenth St.

Irving Ave., w s, 25′ n Harman St.; 3 three-st'y frame dwells., tin roofs; cost, $4,000 each; owner and builder, E. Augustine, 252 Himrod St.; architect, W. B. Wills, 504 Hart St.

Shepherd Ave., e s, 17′ 6″ n Belmont Ave., 5 two-st'y frame dwells., tin roofs; cost, $1,500 each; owner, E. Sutterlin, Russell Pl., near Herkimer St; architect, Chas. Infanger, 126 Van Siclen Ave.

Fulton St., n s, 25′ w Vermont Ave., 9 three-st'y frame dwells., tin roofs; cost, $3,500 each; owner, A. Rempe, Rockaway Ave.; architects, Birglewirth Bros., 1151 Myrtle Ave.

Prospect Pl., s s, 875′ e Troy Ave., 5 two-st'y frame dwells., tin roofs; cost, $2,500 each; owner, Philip McMurray, Fulton St., near Howard St.; architect, M. F. Walsh, 74 Rockaway Ave.

Sutter Ave., n s, 40′ e Atkins Ave., 4 two-st'y frame dwells., shingle roofs; cost, $8,000; owner, H. L. Moxley, 41 Van Buren St.; architect, Wm. H. Temple, 7 West One Hundred and Thirty-third St., New York City.

Linden St., s s, 150′ e Central Ave., two-st'y frame dwell., tin roof; cost, $10,000; owner, J. Eppig, 335 Central Ave.; architect, Th. Engelhardt, 905 Broadway.

Troutman St., s s, 225′ e Knickerbocker Ave., three-st'y frame dwell., tin roof; cost, $4,500; owner, S. Mehling, 259 Melrose St.; architect, Th. Engelhardt, 905 Broadway.

Elton St., w s, 137′ 6″ s Belmont Ave., 2 two-st'y frame dwells., tin roofs; cost, $3,000 each; owner and builder, M. Newman, Eastern Parkway, near Thatford Ave.; architect, Chas. Infanger, 126 Van Siclen Ave.

Chicago, Ill. — Ann Olsen, two-st'y dwell., Byron and Lincoln Aves.; cost, $3,500.

A. H. Hill, two-st'y dwell., Selwyn St. and Douglass Ave.; cost, $3,000.

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BUILDING INTELLIGENCE.

A. H. Hill, two-st'y dwell., Park Ave. and Willis St.; cost, $4,000.

John Krabova, two-st'y dwell., 979-981 Avers Ave.; cost, $12,000.

L. Gnemir, two-st'y dwell., Irving Park Boulevard and Richard St.; cost, $3,500.

Albert Mendel, three-st'y dwell., 4818 Michigan Ave.; cost, $18,000.

F. W. Thurston, three-st'y dwell., 4434 Grand Boulevard; cost, $12,000.

S. A. French, two-st'y dwell., 7443 Bond Ave.; cost, $4,500.

N. C. Wheeler, 3 three-st'y dwells., 6514-6518 Sherden Ave.; cost, $24,000.

Montreal, Can.—*Sherbrooke St.*, dwell.; owner, Jas. Rodgers; architect, A. C. Hutchison, 181 St. James St.

Philippe St., dwell.; owner, J. A. Fowler; architect, Chas. Chaussé, 107 St. James St.

Gain St., dwell.; owner, J. Smith; architect, J. Alcide Chaussé, 153 Shaw St.

New York, N. Y.—*Seventy-sixth St.*, s s, 330′ e Armstrong Ave., 6 four-st'y brick dwells., tin roofs; cost, $150,000; owner, Edward Tipping, 100 East Forty-second St.; architects, Thom & Wilson, 1267 Broadway.

Ninety-second St., s s, 255′ e Fifth Ave., 6 four-st'y brick dwells., tin roofs; cost, $18,000; owners, B. A. & G. N. Williams, 19 and 21 East Nineteenth St.; architect, H. G. Hardenburgh, 10 West Twenty-third St.

One Hundred and Thirty-fifth St., s s, 80′ e St. Anns Ave., 4 two-st'y brick dwells., peak, tin and slate roofs; cost, $20,000; owner, John Entwistle, 860 East One Hundred and Thirty-fifth St.; architect, E. Davis, 2533 Third Ave.

Anthony Ave., w s, 100′ n One Hundred and Seventy-fifth St., 2 three-st'y brick and frame dwells., peak, shingle roofs; cost, $10,000; owner, James Kennedy, 1999 Bathgate Ave.; architects, Cleverdon & Putzell, 30 Astor Pl.

West End Ave., w s, 75′ 8″ s Ninety-seventh St., 6 three-st'y brick dwells., tin roofs; cost, $90,000; owner, Joseph H. Vandewater, Montclair, N. J.; architects, Sibell & Miller, 258 Broadway.

Webster Ave., e s, 143′ n One Hundred and Seventy-third St., two-st'y brick and frame dwell., tin roof; cost, $3,500; owner, Wm. H. Fleming, 1241 Third Ave.; architect, J. J. Vreeland, 7111 East One Hundred and Seventy-seventh St.

Eighty-first St., s s, 275′ w Columbus Ave., 4 four-st'y brick dwells., tin roofs; cost, $80,000; owners, Giblin & Taylor, 143 West Eightieth St.; architects, Neville & Bagge, 250 West One Hundred and Twenty-fifth St.

Somerville, Mass.— *Cowell St.*, frame dwell., 24′ x 40′; owner, W. L. Glidden.

Morgan St., three-st'y frame dwell., flat roof, 30′ x 40′; owner, Samuel E. Willey; builder, James E. Brown.

Henderson and Richardson Sts., frame dwell., 24′ x 30′; owner and builder, Roderick McNabb.

Campbell Park, frame dwell., 24′ x 35′; owners and builders, Hudson & Lewis.

BUILDING INTELLIGENCE.

Walnut St., cor. Pearl St., frame dwell., 23′ x 29′, with L 15′ x 18′; owners and builders, Hudson & Lewis.

Central St., No. 102, frame dwell., 27′ x 40′; owner and builder, E. N. Everett.

Winslow St., frame dwell., 27′ x 47′; owner, Chas. L. Stevens; builder, John Stevens.

Robinson St., cor. Bartlett St., frame dwell., 25′ x 30′; owners, S. and C. H. Williams.

Beacon St., near Concord Ave., three-st'y frame dwell., flat roof, 49′ x 72′; owners, Barnett & Pettes; builder, Edmond J. Cogan.

Thorndike St., near Holland and Howard Sts., three-st'y frame dwell., flat roof, 42.6′ x 56′; owner, Mrs. Margaret Pander; builder, J. E. Herrick.

St. Louis, Mo.— Alterations of dwell.; cost, $12,000; owner, Mrs. R. C. Kereus; contractors, Stewart, Womus & Mullgart.

STABLES.

Boston, Mass. — *Ritchie St., rear*, near Amory St. Ward 23, frame stable, 25.4′ x 40.4′; owner, J. C. Coleman.

Stacy St., near Main St., Ward 5, frame stable, 68′ x 90′; owner, W. W. Nichols.

River St., rear, near Blue Hill Ave., Ward 24, frame stable, 24′ x 30′; owner and builder, J. B. L. Bartlett.

Maple St., rear, near Weld St., Ward 23, frame stable, 18′ x 28′; owner and builder, Sidney Smith.

Chestnut Hill Ave., rear, No. 33, Ward 25, frame stable, 20′ x 25′; owner, W. Warren heirs; builder, W. O. Ruggles.

Faneuil St., rear, near Market St., Ward 25, frame stable, 30′ x 35′; owner, James Welch; builder, J. Muldoon.

New York, N. Y.—*Avenue A, Nos.* 1320-1322, five-st'y brick stable, gravel roof; cost, $30,000; owner and architect, Geo. Knoche, 501 East Seventy-first St.

One Hundred and Twelfth St., s s, 205′ e First Ave., three-st'y brick stable, tin roof; cost, $15,000; owner, Antonio G. Puece, 435 East One Hundred and Thirteenth St.; architect, Clarence True, 102 West Eighty-first St.

Worcester, Mass. — *June St.*, frame stable; owner, Mrs. D. M. Disney; contractor, W. B. Richardson.

Birch St., two-st'y frame stable; owner, F. H. Kendrick; contractor, Levi Sherman.

STORES.

Boston, Mass. — *Centre St., No.* 223, Ward 22, frame store, flat roof, 30′ x 90′; owner, Workingmen's Building Association; builder, G. W. Pope.

Chicago, Ill.—J. W. C. Johnson, two-st'y stores and flats, 144 Fifty-ninth St.; cost, $3,000.

Jacob Lasky, four-st'y store and flats, 223 West Fourteenth St.; cost, $8,000.

John H. Nolan, three-st'y store and flats, 1040 South Western Ave.; cost, $7,000.

Charles Levander, three-st'y store and flats, 698 Wells St.; cost, $13,000.

Wisdom & Thompson, four-st'y store and flats, 6109 Wentworth Ave.; cost, $15,000.

BUILDING INTELLIGENCE.

Miss Emma Fenimore, 2 two-st'y store and flats, 444-446 Sixty-third St.; cost, $15,000.

Mathew Smith, 2 four-st'y stores and flats, 497-499 Sixty-third St.; cost, $30,000.

C. A. Whyland, 2 three-st'y stores and flats, 1595-1597 West Madison St.; cost, $18,000.

John Dedrick, three-st'y store and flat, 1076 South Oakley Ave.; cost, $7,000.

John Cuden, two-st'y store and flats, 4827 Ashland Ave.; cost, $3,500.

Carl Bros., four-st'y store and flats, 310 North Wells St.; cost, $7,000.

Wolf & Ellis, 5 two-st'y stores, 9424-9432 Cottage Grove Ave.; cost, $5,000.

S. Servine, two-st'y store and flats, 403 Root St.; cost, $4,300.

Charles P. Feiffer, three-st'y store and flats, 861 Blue Island Ave.; cost, $7,000.

Peter Winzeik, three-st'y store and flats, 170 Newberry St.; cost, $3,000.

J. Mulvey, one-st'y store, 1198-1202 Fifty-fifth St.; cost, $5,500.

Montreal, Can. — *Bleury St.*, stores and dwells.; F. J. Durand; architect, A. Gendron, 99 St. James St.

West Notre Dame St., stores and dwells.; owner, B. Delary; architect, J. H. Mac Duff, 2554 Notre Dame St.

St. Henry St., store; owner, Morgan estate; architect, J. J. Brown, 207 St. James St.

St. Antoine St., store and dwell.; owner, G. H. Matthews; architects, J. B. Resther & Son, 107 St. James St.

St. Christophe St., dwell.; owner, C. A. Senez; architect, L. R. Montbriant, 42 St. Andre St.

New York, N. Y.—*Fifth Ave., No.* 761, one-st'y brick store, tin roof; cost, $4,000; owner, Corporation of Hotel Savoy, 761 Fifth Ave.; architect, Ralph S. Townsend, 1300 Broadway.

Canal St., No. 247, six-st'y brick store, tin roof; cost, $15,000; owner, Estate of James Bard, Peekskill, N. Y.; architect, Wm. Howe, 176 Broadway.

First Ave., n e cor. First St., three-st'y brick store, gravel roof; cost, $16,000; owner, Rate Allen, 241 East One Hundred and Fourth St.; architect, Chas. Sidney, 250 West One Hundred and Twenty-fifth St.

Columbus Ave., e s, 50′ s Sixty-seventh St., eight-st'y brick store, cement or tile roof; cost, $75,000; owner, Frederick De P. Foster, 23 Fifth Ave.; architect, G. A. Schellinger, 128 Broadway.

(*Continued on page* xx.)

FIREPROOF BUILDINGS.

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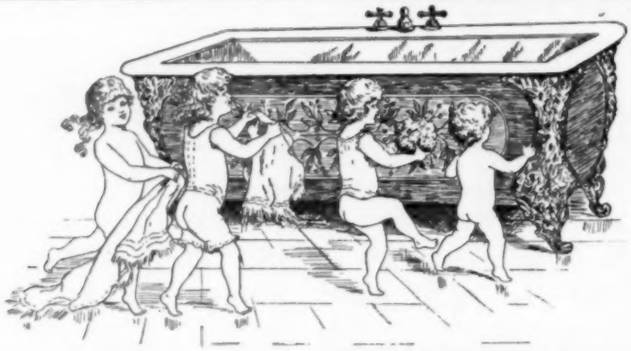

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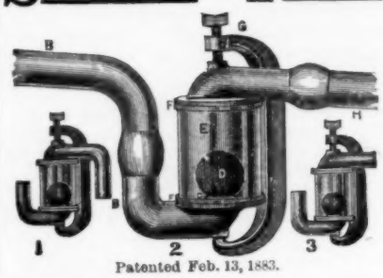

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Boston, Mass. — *Unity St., No.* 11, cor. Unity Court, Ward 6, four-st'y brick tenement, flat roof, 31.5′ x 32′; owner and builder, Antonio Repetto.

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Chicago, Ill. — H. Rudtroff, four-st'y warehouse, 498-504 Clybourne Ave.; cost, $25,000.

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MISCELLANEOUS.

Camden, N. J. — *South Eighth St., No.* 1012, brick shop; owner, J. W. B. Harris.

Pine St., above Fourth St., three-st'y brick engine house; owner, John Corbitt.

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Broadway, No. 1027, one-st'y frame shed; owner, J. W. Staley.

Chicago, Ill. — A. G. Ingraham, three-st'y storage house, 9226 Commercial Ave.; cost, $6,000.

Swift & Co., three-st'y storage house, Fortieth St. and Packers Alley; cost, $150,000.

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New York, N. Y. — *One Hundred and First St.*, n s 95′ e First Ave., two-st'y brick workshop, tin roof; cost, $6,000; owner, Richard Hanley, Suffolk Co., N. Y.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

East Houston St., No. 450, six-st'y brick workshop, tin roof; cost, $7,500; owner, Lewis Aaron, 34 Second Ave.; architects, Horenburger & Straub, 122 Broadway.

Norfolk St., Nos. 87-89, six-st'y brick workshop, tin roof, cost, $25,000; owners, Mary E. Pierce and Carrie E. Brown, 64 West One Hundred and Twenty-sixth St.; architects, Horenburger & Straub, 122 Bowery.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., November 29, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 21st day of December, 1892, and opened immediately thereafter, for furnishing and delivering at the Treasury Department Building, draughting materials for the office for the fiscal year ending June 30, 1893, in accordance with the specification and schedule, copies of which may be obtained on application at this office. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidder. Proposals must be enclosed in envelopes sealed and marked "Proposal for Furnishing and Delivering Draughting Materials for the Office of the Supervising Architect, Treasury Department, Washington, D. C.," and addressed to W. J. EDBROOKE, Supervising Architect. 885

EXTENSION.

Notice — Treasury Department, Office Supervising Architect, Washington, D. C., November 26, 1892. The time for opening proposals for the interior finish of the United States Court-house, Post-office and Custom-house building at Bay City, Michigan, is hereby extended to 2 o'clock P. M., December 5, 1892. W. J. EDBROOKE, Supervising Architect. 884

Treasury Department, Office Supervising Architect, Washington, D. C., November 25, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 23d day of December, 1892, and opened immediately thereafter, for all the labor and materials required for the trench excavation, concrete and stone footings, cut-stone and brickwork of the basement and area walls of the United States Post-office, Court-house and Custom-house at Milwaukee, Wis., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Milwaukee, Wis. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Trench Excavation, Concrete and Stone Footings, Cut-stone and Brickwork of the Basement and Area Walls for the United States Post-office, Court-house and Custom-house at Milwaukee, Wis.," and addressed to W. J. EDBROOKE, Supervising Architect. 885

Treasury Department, Office of the Supervising Architect, Washington, D. C., November 19, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 20th day of December, 1892, and opened immediately thereafter, for all the labor and material required for the excavation, foundations, stone and brickwork, floor and roof construction, roof covering, etc., for the United States Custom-house and Post-office building at St. Albans, Vermont, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at St. Albans, Vermont. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Excavation, Foundations, Stone and Brickwork, Floor and Roof Construction, Roof Covering, etc., for the United States Custom-house and Post-office building at St. Albans, Vermont," and addressed to W. J. EDBROOKE, Supervising Architect. 884

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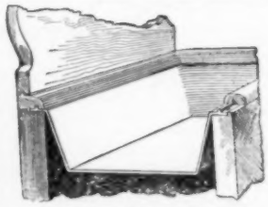

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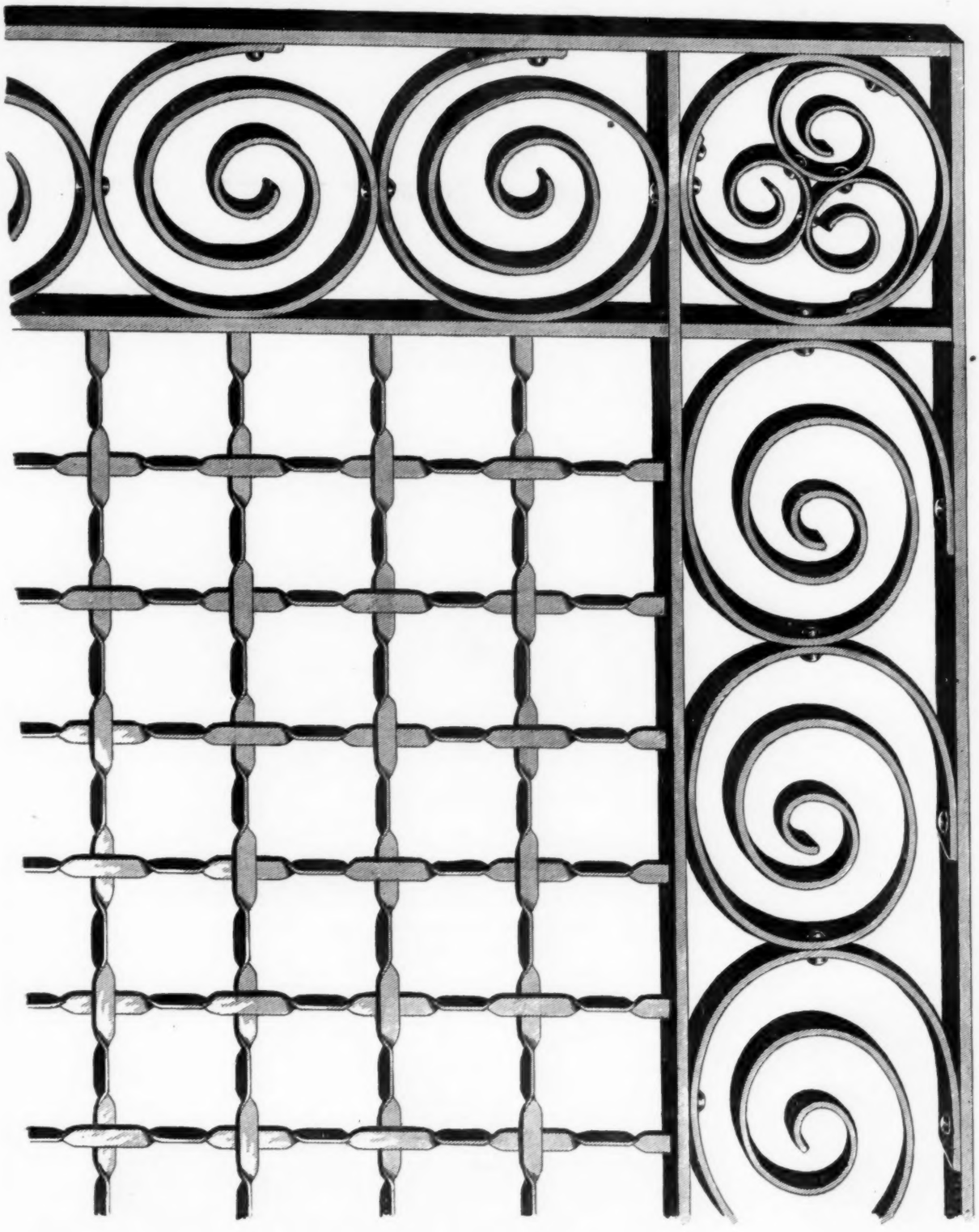

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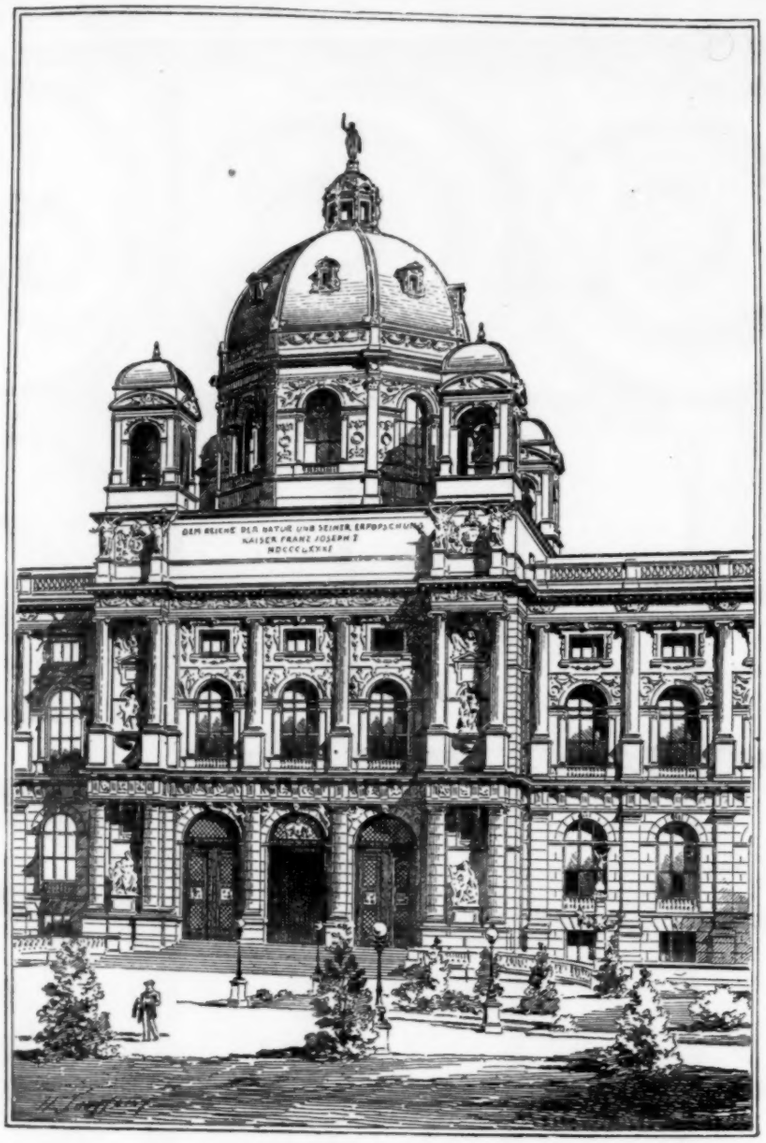

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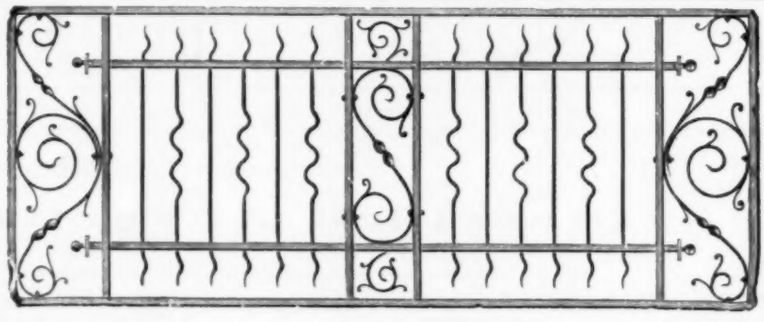

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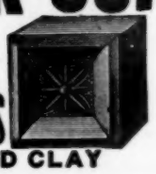
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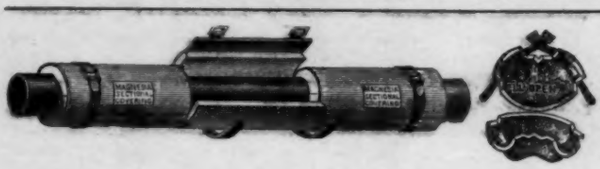

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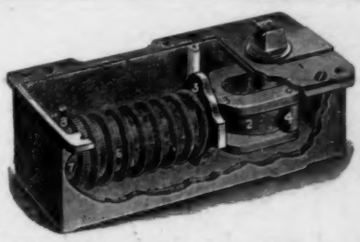

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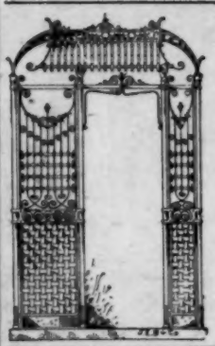

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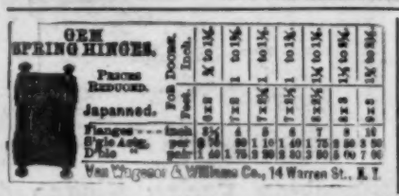

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For Pictures,	4½ x 6½	$12.50
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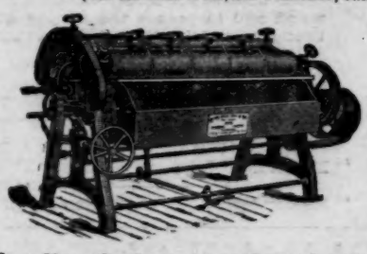

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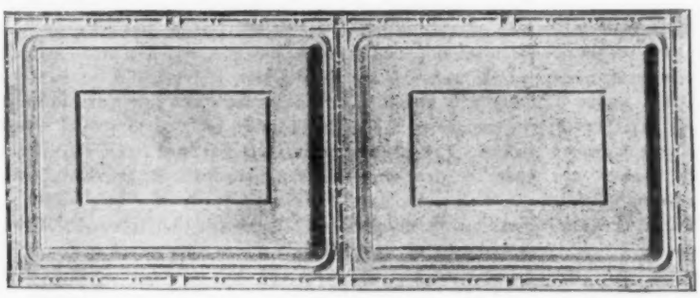
The American Architect and Building News

ADVERTISERS' TRADE SUPPLEMENT.

No. 126. SATURDAY, DECEMBER 3, 1892. Volume XXXVIII. No. 884.

DECORATIVE CEILING.

This is surely an age of progress in mechanism, as well as in political economy; more particularly mechanism as it refers to decorative ceiling in its various designs known as Kinnear's Patents. The Kinnear & Gager Company of Columbus, Ohio, are fully equipped with the latest improved machinery and have the capacity to produce from steel, a ceiling that cannot be excelled for beauty and durability.

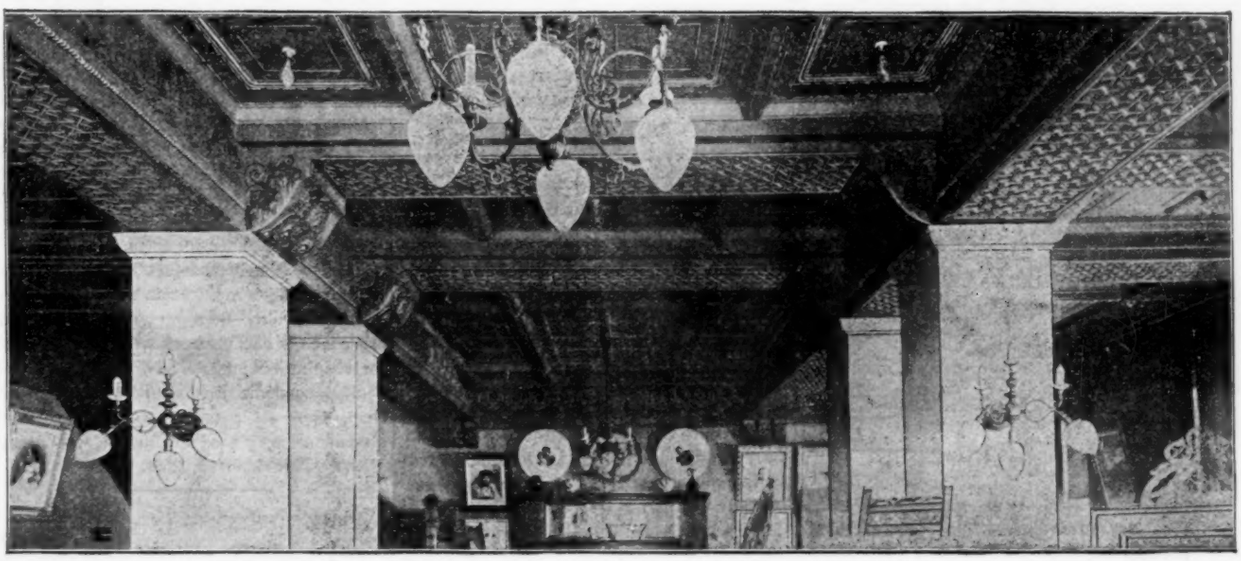


The annexed cut represents the interior view of an Art Gallery with ceiling of the Kinnear & Gager Company's manufacture; while the small plate shows the construction of the panels.

Metal for interior work is becoming popular and is being looked upon with favor by many prominent architects and engineers. The tongue and groove, or end lock method in the Kinnear ceiling, must not be over looked. Ceiling of our end lock construction is being made of No. 27 soft steel, as shown in the above plates, and this method should be looked upon with favor by all builders and others wishing decorative ceiling. The fire-proof qualities in ceiling of this character should receive due consideration; the same being recommended for use in many of our public institutions, as a method of improving the sanitary conditions as well.

The Kinnear & Gager Company of Columbus, Ohio, have expended a large amount of money to perfect their various methods and inventions under Kinnear's Patents, and we recommend that our readers acquaint themselves with the Kinnear Steel Ceiling by applying to the nearest agency, or communicating with us at Columbus, Ohio.

KINNEAR & GAGER CO.,
COLUMBUS, O.



EXPANDED METAL.

At this date it is hardly necessary to inform our readers that this is a material made from steel plates used for plastering lath, which was put on the market about three years ago. It has so rapidly grown in favor that it is now a staple article, and in many places is as regularly and commonly called for as was formerly the old style wood lath. When we remember the long years of waiting and working that were necessary to introduce some of the most valuable and popular articles of trade (barbed-wire was one of them) it speaks volumes for this new material, and carries with it proof of its intrinsic value.

Architects have made the discovery that Expanded Metal Lath by its peculiar qualities enables them to produce many effects not before practicable or even possible. The magnificent arched ceilings of the Greenwich Savings Bank and Temple Bethel Synagogue, New York; new German Opera-House and Athletic-Club Building, Chicago, and similar work in both and other cities, are demonstrations of what can be done in this line.

It may be a surprise to visitors to the Columbian Exposition to be told that the *model war-ship* there on exhibition is made of cement

and Expanded Metal, and gives an example of another kind of application of this material. Nearly all the *statuary* at the World's Fair is modelled on Expanded Metal and covered with plaster. The extensive *underground wire conduits* on World's Fair grounds, extending for a distance of several miles, are lined with Expanded Metal, and the *office-building* is also *exteriorly* built with the same material.

For regular "every day" work it has been used in such buildings as Grace Baptist Temple, M. E. Hospital, Drexel Institute, Century Club and others in Philadelphia; St. Dennis Hotel, Holland House, Medical College, All Saints Roman Catholic Church, Madison Square Garden, New York Jockey Club, ten schoolhouses and many other buildings equally large in New York City. Similar uses have been made of it in Pittsburgh, and, indeed in all parts of the country. The General Government has used large quantities of it.

As a fireproofing it is coming into general use as a covering for iron columns and girders, being much cheaper and better than clay tile. For plain solid work and the fire-protection of theatres, hotels, residences, schools and apartment-houses it is *standard*, and is so acknowledged by all architects. Besides all this it is the cheapest metal lath, weight considered.

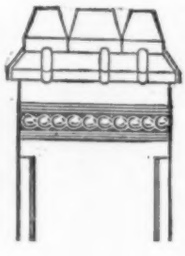
Thousands of feet of *fencing* made of the same material were also used in the buildings at Chicago and about the grounds. This is a material that is equally adapted to office railing, lawn guards or farm fence, giving good protection, and making an ornament in each case. Several railroad companies have bought forty miles of it, while some of the finest residences in cities East and West are enclosed with it.

It is manufactured by

CENTRAL EXPANDED METAL CO.,
PITTSBURGH, PA.

EVERLASTING SALT-GLAZED CHIMNEY TOPPINGS.

Chicago architects generally, *a few of whom are Messrs. Treat & Foltz, Patton & Fisher, Ackerman, Bauer & Hill, Drake, Beaumont, Carroll, Cudell, De Horvath, Faber & Pagels, Froman & Jepson, Foehringer, Frost, Hallberg, Hettinger, Huehl & Schmid, Krause, Perkins, Randolph, Thisslew, Van Osdel, Zarbell* and many others about the country now specify for use in their buildings the *Hansen Weather-protecting, Salt-glazed, Terra-cotta Chimney Toppings*, which being hard-burned,



highly salt-glazed — same quality and color as first-class sewer-pipe — have proved to be the best and most practical, and really *cheap, indestructible* material for the preservation of chimney masonry from the usual destruction caused by rains and frost, *from which even a heavily stone-capped chimney is not exempt unless provided with large water-drip and covered joints, and as they require hoisting machinery or extra strong scaffolding to set in place, must be made to order, causing delay, and such stone toppings become several times more costly and do not do as permanently good service as the Hansen Salt-glazed Toppings.* The Hansen toppings are shaped so as to form a large effective water-drip, and at joints of copings are provided with large socket-over-lap running over to inside of flue wall through base of cowl (top part), thus effectively covering and protecting brickwork, even if carelessly pointed by brick-layer; and as the toppings are *indestructible* by weather, they secure a practically *everlasting* chimney, avoiding the usual *re-building, unsightly patchings* and consequent *expense* to owner — all at a trifling expense over the ordinary common method and material.

The Hansen toppings are intended mainly for brick-built chimneys, with 4″ enclosing and same size partition walls, if in blocks of several flues *without the usual brick, projecting, cornicings at top.* They are made in three sizes (copings and cowls complete) to fit the average brick and joint sizes (the large over-lap joint taking care of the varying sizes of brick in different localities) of 8″ x 8″ (one by one brick and joints), 8″ x 12″ (one by one and one-half brick and joints) and 12″ x 12″ flues (one and one-half by one and one-half brick and joints), all inside flue sizes; but copings may be used alone for other flue sizes, being of lengths to fit the half, the whole or two bricks in length, which, though without locking and weight of cowl, if set and pointed in good cement mortar (dark preferable for all outside, exposed joints) will attach to chimney masonry as permanently as if the whole were *glass* or *granite*. The plainly shaped toppings are made on steam-press same as sewer-pipe, kept in stock and sold by the car-load, or when in small orders, shipped in crates or boxes. A few shapes of more ornamental cowls, moulded by hand, etc., are made to suit above sizes, and with bonnets or wind-guards when so required. The undersigned, as well as the several firms manufacturing the Hansen toppings, guarantee their permanent quality, and also the resulting permanency of chimney masonry where these toppings are used and properly set, and will at any time promptly replace same with any practical material suggested by owner or architect, where these goods shall have failed as herein represented, without expense to owner. See advertisement on page vi.

HARALD M. HANSEN,
Patentee,
88 La Salle St., Chicago, Ill.

MERCHANT & CO.'S TIN-PLATE WORKS.

Among the manufacturers of tin-plates who have gone thoroughly into the business of this comparatively new native industry the house of Merchant & Co. of Philadelphia ranks high. Long and favorably known to the trade as importers of tin-plate, they were among the first to recognize the possibility, and desirability of making this branch of trade a stepping-stone to the establishment of a home industry which should eventually take solid root in this country and be able to compete successfully with foreign establishments. To that end Merchant & Co. commenced the manufacture of American tin-plates on a limited scale in Philadelphia last year. Twelve months ago, having acquired property in a favorable situation at Twentieth Street and Washington Avenue, adjoining the line of the Philadelphia, Wilmington & Baltimore Railroad, they commenced the erection of tin-plate works on a large scale, which were completed and ready for operation in June last. Since that date Merchant & Co's factory has been most active, the output increasing monthly, until at the present time they have eight pots in constant use. The works are running night and day straight along; all grades of both bright tin and roofing plates are being put out in large quantities, and of a quality which is claimed to be quite equal, and in some cases superior, to any similar foreign brands. The market for the home product is stated to be most satisfactory, and the firm's material finds a ready sale in all parts of the United States.

Merchant & Co's works at 2013 to 2029 Washington Avenue are very complete and well appointed, the situation being particularly well chosen as regards shipping facilities, two side tracks communicating with the railroad line before mentioned running through the yard and works. The establishment comprises a series of buildings containing the smelting-department, two tin houses, pickling-room, sorting and packing rooms, besides store-rooms, offices, etc., and a spacious yard, with space for further buildings as such may be rendered necessary. The most recent addition is a building containing four tinning-pots with an annex, in which a pickling and dipping machine of large capacity is now being installed, an improvement which is calculated to facilitate the work in that department very greatly. Eight Griffith's sets are now in active use, two, with flux process, turning out terne-plates, and two, flux process, operating on bright tin. The four pots in the new tin-house above referred to are all occupied on guaranteed brands of terne, which are coated by the pure palm-oil process. These four sets contain one train of rolls with a finishing pot. The bright-tin sets consist of two pairs of rolls with a dipping-pot in the centre, the remaining two terne-plate pots have similar fittings without the centre dipping-pot. The four last named are flux-process pots and are placed in a separate part of the works. Each set is provided with a double shift of hands, dippers, finishers and girls for cleaning the plates. About 100 hands are at present employed, and this number will shortly be increased to 130 owing to the rapidly growing business. Merchant & Co. are proud of their productions in both bright and terne-plates, of which a great variety is made. In bright-tin plate all grades, sizes and thicknesses can be and have been made of a quality which need fear no comparison with any imported material; and the same may be said of the firm's "guaranteed" roofing-plates, which are the object of scrupulous care, none, we are told, being sent out which are not entirely up to the standard claimed for them.

The smelting-department is an important feature of the establishment, a large output of solder, Babbitt, stereotype, electrotype, and other metals coming from it. A smelting-pot for refining old metals, having a capacity of 18,000 pounds, is situated in the centre of the shop, while six pots for solder and six for type metals are placed on either side. — *Metal Worker*, November 19, 1892.

THE BUSINESS IN DETROIT.

The pioneers in the business of manufacturing and setting up hot-water boilers and appliances in this city were the Detroit Heating and Lighting Company. They commenced the manufacture of the Bolton Hot-water Heater four years ago, and the new heater sprang at once into popular favor. The sales of the company have increased steadily, and this year they are four hundred

per cent larger than they were three years ago. The company have a force of something like twenty salesmen, their trade has reached every State in the Union, and their heater has acquired a national reputation. Their output is claimed to be larger than that of any other hot-water heater in the world. One of their largest recent contracts was that for heating the Visitation Convent in St. Louis, Mo., whose buildings aggregate a frontage of 650 feet. The equipment for the heating of this institution alone took ten car-loads of material.

The same company manufacture the Combination Gas-machine, and the output of the two products of their manufacture this year will exceed $500,000. In reference to lighting, they state that, outside of the large cities, where the electrical plants are large and the engines powerful, electric-lighting is not so satisfactory as was expected by many, and the demand for independent gas-generating apparatus is not seriously affected thereby, as many of their sales are in the smaller cities, where electrical lighting could be had if their customers did not prefer the machine. — *Detroit Journal.*

SCOTT'S EXTRA COATED.

THE change of source of supply in discontinuing the purchase of the "Scott's Extra Coated" Plate abroad and the establishment of our own factory here in Pittsburgh has required all our energies so that we have heretofore made no mention through your columns of this brand being an American product. This has been particularly necessitated because of the greatly increased demand for the "Scott's Extra Coated" Guaranteed Roofing Plate during the past year requiring repeated increases in factory output.

When imported, the "Scott's Extra Coated" had attained such a high standard as to have received the highest commendations everywhere, and we have been very much gratified, indeed, to know that it was not because of a depreciated quality on the other side, but from the desire to control the manufacture of this brand in this country, thus making it thoroughly an American manufacture, that induced the change.

Upon the withdrawal of this business from the Welsh maker, he so recognized the condition of affairs as to have discontinued his manufacture entirely, thus completely transferring the source of supply from Wales to Pittsburgh.

It has been no simple or easy matter to attain here the high standard required for the "Scott's Extra Coated," as while the manufacture of ordinary qualities is not difficult, most expert workmen and the selection of only the best and most perfect material is necessary for this brand. Accordingly much patience and long experience have been required. That our efforts have met with the most gratifying results is eminently satisfactory. The output of the "Scott's Extra Coated" has been increased greatly with every expectation of continuing same unless a re-transfer of manufacture to Wales is necessitated by a change in our Government policy.

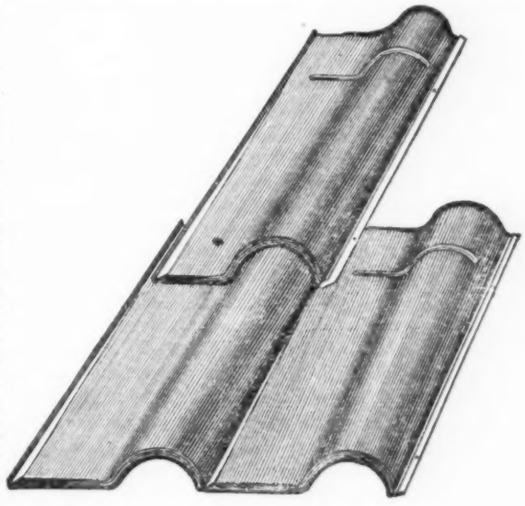
JAMES B. SCOTT & CO.,
122 AND 124 SECOND AVENUE, PITTSBURGH, PA.

METAL "SPANISH" TILES.

THERE are few articles in the line of roofing to-day attracting more attention amongst, architects, builders, and roofers, than the metal "Spanish" tile, manufactured under special patent by Merchant & Co., of Philadelphia, which tiles are being made of copper, steel, or tin (guaranteed roofing plates), the latter being painted in imitation of red clay or terra-cotta tiles. While this metal tile is comparatively a new feature in roofing, and unknown in the annals of the history of roofing previous to its being introduced and established by the firm of Merchant & Co., the success thus far, as reported by this firm, is phenomenal.

The principal object of the manufacturers of these tiles, aside from the ornamental feature, is to encourage the use of a more substantial and durable material for roofing, viz: copper, which, while costing considerably more than ordinary roofs of to-day, has lasting qualities so far superior that property owners have the assurance that a second roof for the one building will never be required, and hence the first cost is the only one, the roof becoming handsomer with age. Besides this there is a value in copper which should be taken into consideration when comparing the relative costs. If the building becomes damaged by fire, etc., or should the roof be taken off at any time, the material itself will bring probably 50 per cent of its original cost, as old metal. This cannot be said of any other roofing material. Hence, the first cost of copper should not be considered on an equal basis with other materials. Copper is indestructible; all others becoming valueless when subjected to fires, etc.

Terra-cotta tiles present several objectionable features. They are too burdensome; the enormous weight makes them impracticable for roofing the average building, no matter what the superstructure may be composed of, as it will not admit of the strain that necessarily must result from such weight. Clay tiles cannot possibly be made water-tight, even by the use of cement, as the action of the elements must sooner or later have a telling effect. They are broken by their own weight, to say nothing of the extreme changes in the temperature, and finally crumble away.



Copper is non-corrosive, and the life of a copper roof, where proper provision is made for contraction and expansion of the metal, such as is made in Merchant & Co's "Spanish" tile, is indefinite. In other words, it will outlive the building itself. In short, the object is a high-class ornamental tile made of the most substantial and durable material known to the trade.

The Merchant & Co's metal "Spanish" tile has been specified and used by some of the recognized leading architects in the United States both for private and public buildings, prominent among which might be mentioned the new city-hall in Tacoma, Washington, and the Chamber of Commerce building in Portland, Oregon. A handsome church spire in Detroit, Michigan, is adorned with these copper tiles, and a larger tower on a prominent building in Fall River, Massachusetts, is covered with the same material, which stands to-day as a shining light glistening over the inhabitants of one of the most important manufacturing cities in the East. Many other buildings might be mentioned which have been adorned with these beautiful tiles. Tin and steel (painted) are being used largely. Two of the World's Fair buildings, viz., Minnesota and Colorado, are now covered with steel. They being only temporarily built, the cheapest material was selected. The general appearance of the tiles, however, is fully equal to anything yet produced in metal, outside of the copper, in ornamentation, and a positive and absolute tight roof is assured.

The patents containing broadest claims having recently been allowed to this tile, the manufacturers are determined to establish this system of roofing, and a good season's business for next year is apparent. — *Manufacturers' Record*, September 23, 1892.

HOW TO KEEP OUT THE HEAT IN SUMMER AND KEEP IT IN IN WINTER.

IT is quite as important to build a house so as to keep out the heat in summer as to keep it in in winter. Few architects seem to think of this point, and it is quite common to hear one say that a poorly built house is a cool house. This is not so, but the contrary is true. It is the rule that the attics of our houses are veritable ovens, and so long as nothing but a thin coat of mortar, and occasionally a poor board floor, separate the sleeping-room from the attic, the former will approach, in temperature, very nearly to the latter. This difficulty can be overcome very easily and quite inexpensively. Mineral wool placed between the rafters is an absolute preventive of such a condition of affairs, but one who is building a house should not stop here with the use of this material, for its low cost and its many desirable qualities should commend it for use throughout the house wherever cold and dampness are to be kept out, and heat is to be kept in in cold weather and out in warm weather. The fire-resisting qualities of mineral wool have long commended it to architects for this specific purpose, but, in our opinion, this is the least of its qualities, although it is an absolute resistant of fire. — *Scientific American, Builders' Edition*, October, 1892.

THE STANDARD TERRA-COTTA CO. OF PERTH AMBOY.

THE Standard Terra-cotta Company of Perth Amboy, N. J., are successors to the Architectural Terra-cotta Works of Perth Amboy. This company recently completed the terra-cotta work for the J. Monroe Taylor Building on Cortlandt Street, which is a very handsome structure. The Standard Terra-cotta Company are now engaged in supplying terra-cotta for the following Brooklyn improvements: Store-building being erected by the Cox estate on Fulton Street, A. W.

Rose, architect; the Monastery of the Precious Blood on Putnam Avenue, R. L. Daus, architect; and five houses on Bedford Avenue and Prospect Place for Henry Carstens, William Danmar, architect. The New York office of the Standard Terra-cotta Company is 108 *Times* Building, O. W. Peterson, Secretary.

BOOKS FOR THE SEASON.

Hawthorne's "*Wonder Book*" has long been a favorite of Mr. Walter Crane, and in Houghton, Mifflin & Co.'s new holiday book he has twenty full-page designs in color, reproduced with surprising fidelity. In artistic quality and in perfection of color-printing they have never been surpassed in this country. Of like excellence are the forty colored headpieces, tailpieces and initials, each in some fanciful way illustrating the stories. Paper, printing and the binding, also designed by Mr. Crane, complete a wonder-book indeed of holiday attractiveness.

Mr. Howard Pyle, who succeeded so well last year in depicting the career of Holmes's "*One-Hoss Shay*" and its companion poems, has been no less successful now in treating pictorially the Colonial and Revolutionary scenes and figures of "*Dorothy Q*," "*The Ballad of the Boston Tea Party*," and "*Grandmother's Story of Bunker Hill Battle*."

The pictures of Dorothy, the tea-steepers, grandmother, the old corporal and others, are full of life; and decorative borders, head and tail pieces complete the artist's work. The book is printed and bound with special care.

Lanciani's "*Ancient Rome in the Light of Recent Discoveries*" was a most important contribution to a fuller and clearer knowledge of old Roman life. Lanciani now offers another volume of similar character, "*Pagan and Christian Rome*," showing historically and by many illustrations of archæological discoveries the steps by which Rome, the mistress of the Pagan world, became the capital of Christendom. It describes temples, churches, cemeteries, catacombs and the tombs of emperors and popes; and in execution as well as in contents is a very noteworthy volume.

Mr. Warner's fascinating book of travel, "*In the Levant*," has been brought out in the same general style with "*The Marble Faun*," and of "*Our Old Home*," which have proved very popular. About twenty-five full-page illustrations are given, photogravures of noteworthy buildings and scenes included in the countries traversed by the book. Many of these are very beautiful, and all are full of interest.

Houghton, Mifflin & Co.,
Boston, Mass.

C-S DOUBLE PUSH FLUSH SWITCH.

This switch, which was placed upon the market less than a year ago, has already won for itself an enviable position in popular favor.

Architects and builders, and, in fact all users of the incandescent electric light, favor it because of its simple and perfect mechanical construction, which makes it practically indestructible and, because of its unique design, which permits it to partake of the character of its surroundings and thus become part of the ornamentation of a room, instead of an ugly excrescence upon the wall, while the underwriters' expert commends it for the perfection of its electrical arrangement, which renders a fire impossible from any conceivable disarrangement of its action.

The switch is at present made in three distinct forms: "Single Pole," Double Break [10 Ampères]; "Three Wire," Double Break, [10 Ampères], and "Double Pole," Double Break [20 Ampères].

The subjoined cuts illustrate the action of the single pole, double break. Figure 1 shows the switch open, while Figure 2 shows it closed. The brushes and switching mechanism are mounted upon a base of "Vulcabeston," which is practically fire and moisture proof, while the whole is enclosed in a casing of porcelain, thus confining any possible danger of fire from whatever cause to the interior of an absolutely fireproof chamber.

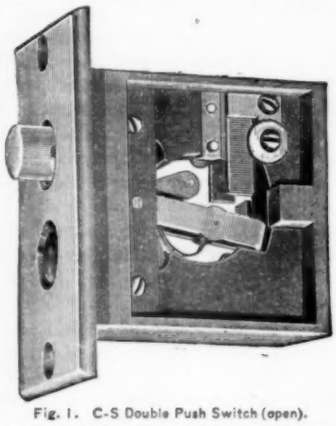


Fig. 1. C-S Double Push Switch (open).

The copper terminal brushes are set one over the other, the end of the switch-bar acting as a bridge between them when the switch is closed, and giving a break of one-quarter inch on each side when open, or, an actual break of one-half inch. The switch-bar is operated and controlled entirely by a peculiar form of coiled spring of the best steel. This spring acts eccentrically in such manner that, until the switching lever brings the spring to centre, there is no movement whatever of the switch-bar; consequently when it is moved past the centre, the full tension of the spring is brought to bear on the "break," which is absolutely instantaneous, so that with ten ampères current this size of switch exhibits but the faintest indication of a spark.

Although this switch is offered to the trade as a ten-ampère switch, each and every switch is tested to fifteen ampères.

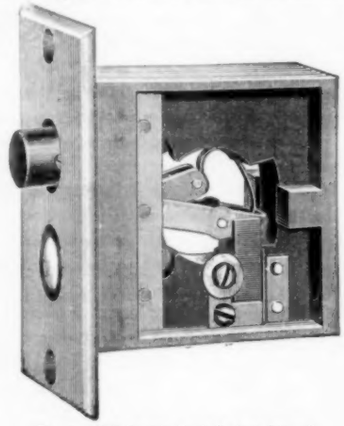


Fig. 2. C-S Double Push Switch (closed).

The switch is operated by two push-buttons set into a face-plate, which is set in place flush with the wall or surface of the switch-board, the porcelain case containing the switch mechanism being recessed into the wall, so that nothing is presented to view but the face-plate, which may be ornamented so as to correspond with its surroundings.

[We make and carry in stock a complete line of the different "colors" in these face-plates.]

One of the push-buttons is white, the other black. By pushing the white one the circuit is closed, while by pushing the black one it is opened, and in case the light governed by a particular switch is in a distant room, the condition of that light, as to whether it is "on" or "off," is indicated by the relative positions of the push-buttons. If the white button is flush with the surface of the face-plate the light is "on;" if the black one is thus flush with the plate, the light is "off."

The "Three Wire" and the "Double Pole" are modifications of the "Single Pole" above described, all three being exactly of the same size and dimensions.

The "Three Wire" is 10 ampère capacity while the "Double Pole" is 20, tested to 30.

The peculiar construction of this switch permits of a convenient method of placing a number of switches in "gang" on the same face-plate, in a similar manner to that adopted in electric gas lighting. For instance, a gang of six switches would exhibit on a face-plate eleven and one-quarter inches long by three and one-quarter inches wide. The switch is also modified so as to be "automatic," so that when placed in control of a lamp in a dark closet, the opening of the door turns the light on, while closing it turns it off.

To show the appreciation of this switch by practical men, we will state that 200 of the double pole class are in use in the buildings of the University of Pennsylvania, while 1500 are to be used in the "New Netherlands Hotel" in New York.

For more complete information call upon or address

The Cutter Electrical & Mfg. Co.,
27 South Eleventh St., Philadelphia, Pa.

GILBERTSON'S OLD METHOD ROOFING TIN.

It cannot be too often insisted that the quality of the roof is vital in the construction of a costly building, and the excellence of this brand consists not only in the quality of its substance and the large amount of coating, but in the absolute uniformity with which it is distributed over each sheet. Inasmuch as the strength of a chain is measured by its weakest link, so the value of a box of roofing tin is measured by the amount of coating upon the thinnest sheet, and to distribute thirty or forty pounds of terne coating over a box of of tin-plates and have it uniformly distributed is by no means that easy task which many American coaters of tin plates think. It would be very strange if it were possible to manufacture in this country a brand of this high standard without a long and expensive experience.

The E. S. Wheeler & Co.,
New Haven, Conn.

NOTES.

We take pleasure in stating that during the two months since starting our new works, we have turned out American tin-plate, both terne and bright tin, at the rate of over eleven million pounds per annum, and we expect to *double* this output and still further increase it in December.

We are making better plates than were ever imported, and we are selling the medium grades at lower prices than the imported article costs.

N. & G. Taylor Co.,
Philadelphia, Pa.

The B. F. Sturtevant Company, Boston, Mass., have printed a second edition of 10,000

copies of their 200 page General Catalogue No. 61 which describes the uses of their blowers, exhausters, engines, forges, and heating and ventilating apparatus and they desire to place a copy in the office of every superintendent, purchasing agent, engineer, or manufacturer using such machinery.

All who have not received a copy will confer a favor by applying at once to above address. It will be mailed free of charge.

THE National Carving Company of Lynn, Mass., calls particular attention to its facilities for doing wood-carving. This company is composed of a number of the most substantial business men of the East, and the fullest reliance can be placed in its ability to do the most desirable carving in solid wood, for interior and exterior decorations, and for mantels and furniture of every description. The furniture interests can do well to at once enter into correspondence with the National Carving Company regarding its products. The machine of the company does very practical work. Their industry is fully established; there is no experimenting, and in every way does the company's products appeal to the furniture and kindred trades of the country. An illustrated catalogue and price list will be sent upon application, if you refer to this journal. See the new announcement upon another page.

THE Art Institute of Chicago has the pleasure of announcing that the Annual Exhibition of the Chicago Palette Club will be held at the galleries, 202 Michigan Avenue, from December 2 to December 25, 1892. Upon Thursday evening, December 1, an informal reception will be held, at which the presence of members with their families is cordially invited.

During the week beginning Friday, December 16, there will be a loan exhibition of embroideries, laces, painted fans, miniatures, old silver, etc., under the auspices of the Chicago Society of Decorative Art, open to all members of the Art Institute.

BUILDING INTELLIGENCE.

Reported for the American Architect & Building News

Boston, Mass.—*Sydney St.*, near Savin Hill Ave., Ward 24, four frame dwells., hip roofs, 24′ x 32′; owner and builder, Joseph H. Beale.

Leonard St., near Norfolk St., Ward 24, frame dwell., 24′ x 38′; owner, Annie M. Young; builder, B. Rockwell.

Huntoon St., near Adams St., Ward 24, frame dwell., 20′ x 40′; owner and builder, Peter Walsh.

West Walnut Park, No. 24, Ward 21, three-st'y frame dwell., flat roof, 24′ x 60′; owner, John Behan; builder, L. S. Boutter.

Thetford St., near Norfolk St., Ward 24, frame dwell., 26′ x 42′; owner, G. A. Wyman; builder, H. B Morehouse.

Kent St., No. 7, Ward 25, three-st'y frame dwell., flat roof, 23′ x 37′; owner and builder, M. J. O'Brien.

Falcon St., near Brooks St., Ward 1, three st'y frame dwell., flat roof, 23′ x 48′; owner and builder, Albion Johnson.

Kent St., No. 9, Ward 19, three-st'y frame dwell., flat roof, 23′ x 37′; owner and builder, M. J. O'Brien.

Foster St., near Mt. Vernon St., Ward 25, two frame dwells., 13′ x 50′; owner, H. W. Baxter; builder, H. R. Ruggles.

Howard Pl., near Howard Ave., Ward 20, frame dwell., 30′ x 49′; owner and builder, Charles Boultenhouse.

Hastings St., near Centre St., Ward 23, frame dwell., mansard roof, 27.6′ x 41.6′; owner, Rebecca Kosslehauth; builder, T. H. Kesslehauth.

Prescott St., near Cleveland St., Ward 1, three-st'y frame dwell., flat roof, 23′ x 48′; owner, Vincenzo Bonzagno.

Wyman St., near Centre St, Ward 23, frame dwell., pitch roof, 27′ x 50.10′; owner, Margaret Fraser; builder, W. T. Fraser.

Maywood St., No. 11, Ward 21, three-st'y frame dwell., pitch roof, 24′ x 53′; owner and builder, Wm. Donaldson.

Brooklyn, N. Y.—*Bleecker St.*, n s, 170′ e Irving Ave., three-st'y frame dwell., tin roof; cost, $5,500; owner and builder, C. T. De Groat, Irving Ave.; architect, Wm. Field, 1030 Gates Ave.

St. Nicholas Ave., w s, 64′ n Harman St., three-st'y frame dwell., tin roof; cost, $4,500; owner and builder, T. H. Werner, 493 Marcy Ave.; architect, W. B. Wills, 504 Hart St.

Knickerbocker Ave., e s, 25′ n Stanhope St., 5 three-st'y brick dwells., tin roofs; cost, $6,500 each; owners, architects and builders, Hahn Bros., 286 Central Ave.

Diamond St., e s, 250′ s Nassau Ave., three-st'y frame dwell., cement and gravel roof; cost, $5,200; owner, Mary F. Fenwick, 534 Leonard St.; architect, Wm. H. Fenwick, 534 Leonard St.

Decatur St., n s, 95′ w Hopkinson Ave., 10 two-st'y frame dwells., tin roofs; cost, $30,000; owner, Wm. McClenahan, 1350 Bergen St.; architect, John L. Young, 287 Halsey St.

Forty-seventh St., s s, 100′ e Fourth Ave., 2 two-st'y brick dwells., tin roofs; cost, $3,500 each; owner, S. T. Sherwood, Forty-seventh St., near Fourth Ave.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Hendrix St., e s, 24′ s Sunnyside Ave., 6 two-st'y frame dwells., tin roofs; cost, $2,500 each; owner and builder, G. Olson, 26th Ward; architect, Wm. Danmar, Atlantic and Van Siclen Aves.

Camden, N. J.—*Sixth St.*, e s, bet. York and Grant Sts., seven brick dwells.; builder, W. C. Aitken.

Tulip and Seventh Sts., two frame dwells.; owner, Charles Smith, 755 Ferry Ave.

State St., n s, w Seventh St., 10 three-st'y brick dwells.; owner, W. T. Bailey.

Grant St., s s, w Seventh St., 16 two-st'y brick dwells.; owner, W. T. Bailey.

Locust St., w s, below Mt. Vernon St., 2 two-st'y brick dwells.; owner, C. S. Ackley.

Chicago, Ill.—D. W. Basley, three-st'y dwell., 538 Washington Boulevard; cost, $10,000.

E. N. Roberts, two-st'y dwell., Tracy and Washington Aves.; cost, $8,000.

L. R. Erenerling, two-st'y dwell., Keely & Wilson Aves.; cost, $3,500.

W. R. Parsons, two-st'y dwell., Irving Park and Vernon Ave.; cost, $4,000.

Capt. Ed. Laughlin, two-st'y dwell., 570 Winchester Ave.; cost, $6,000.

Peter Fink, two-st'y dwell., 1471 Edgecomb St.; cost, $4,000.

Lill Larson, two-st'y dwell., Mowray and Marston Sts.; cost, $4,000.

Ed. T. Wenternitz, two-st'y dwell., 510 Marshfield Ave.; cost, $4,500.

Biefield & Rubel, three-st'y dwell., 4217 Vincennes Ave.; cost, $6,000.

W. C. Smith, three-st'y dwell., 5238 Michigan Ave.; cost, $12,000.

H. M. Wolson, three-st'y dwell., 4111 Grand Boulevard; cost, $10,000.

Cincinnati, O.—Henry Weston, two-st'y frame dwell., Linwood Ave.; cost, $3,800; architect, A. O. Elzner.

Charles Meyer, owner and architect, 3 two-st'y frame dwells., Freeland Ave.; cost, $2,500.

Leopold Feist, two-and-one-half-st'y frame dwell., Madisonville Pike; cost, $12,000; architect, G. W. Drach.

A. Segal, two-and-one-half-st'y brick and stone dwell., Madisonville Pike; cost, $10,000; architects, Des Jardens & Hayward.

J. V. Maesher, two-and-one half-st'y brick and stone dwell., Whitefield Ave.; cost, $10,000; architect, E. Reuckert.

George Henshaw, two-and-one-half-st'y brick and stone dwell., McMillan St.; cost, $10,000; architects, Sam. Hannaford & Sons.

Minneapolis, Minn.—F. P. Healy, owner and architect, two-st'y brick veneer dwell., 2316 Colfax Ave., s; cost, $6,000.

Montreal, Can.—*Sherbrooke St.*, dwell.; owner, Leon Lavigne; architect, Casimir St. Jean, 180 St. James St.

St. Lawrence St., dwell.; owner, P. G. Martineau; architect, Theo. Daoust, 162 St. James St.

Cadieux St., dwell.: owner, Chas. Berger; architects, J. B. Resther & Son, 107 St. James St.

Sherbrooke St., dwell.; owner, L. Lavigne; architect, Casimir St. Jean.

New York, N. Y.—*Cauldwell Ave.*, e s, 175′ n One Hundred and Sixty-first St., three-st'y brick and frame dwell., mansard tin roof; cost, $5,500; owner, Francis Deimel, 812 Trinity Ave.; architect, Herman Horenburger, 682 East One Hundred and Fifty-ninth St.

Ninety-third St., n w cor. West End Ave., 6 four-st'y brick dwells., mansard roofs; cost, $110,000; owners, The City Real Estate Co., 146 Broadway; architect, Charles P. H. Gilbert, 18 Broadway.

Tinton Ave., w s, 396′ n Denman Pl., three-st'y brick and frame dwell., tin roof; cost, $5,000; owner, Leopold Hlawatch, 825 Forrest Ave.; architect, M. J. Garvin, 3311 Third Ave.

Bainbridge Ave., Nos. 225 *and* 250, n William St., 2 three-st'y brick and frame dwells., peak shingle roofs; cost, $7,000; owner, Walter Lee, Bainbridge Ave., Fordham, N. Y.; architect, C. S. Clark, 719 East One Hundred and Seventy-seventh St.

One Hundred and Seventy-fifth St., s s, 175′ e Prospect Ave., three-st'y stone and frame dwell., peak shingle roof; cost, $3,500; owner, Mary Seifred, 942 East One Hundred and Seventy-fifth St.; architect, C. S. Clark, 719 East One Hundred and Seventy-seventh St.

East Twenty-fourth St., No. 320, five-st'y brick dwell., tin roof; cost, $18,000; owner, Owen Dunne, 320 East Twenty-fourth St.; architect, M. C. Merritt, 1267 Broadway.

Philadelphia, Pa.—*Oakland St.*, e s, n Meridian St., one-st'y brick dwell.; owner, Catherine Glasgow, Honeysuckle Ave., Bridesburg.

Willow St., w s, n Harrison St., two-st'y brick dwells.; builders, Ploucher & Shock, Walker St. and Wissinoming Ave.

Jefferson Ave, n w cor. Willington St., three-st'y brick dwell.; builder, John E. Roberts, Sixteenth and Parrish Sts.

Randolph St, w s, n Thompson St., 4 three-st'y brick dwells.; builder, T. Frank Shuster, 812 Noble St.

South Eleventh St., No. 613, three-st'y brick dwell.; builder, John H. Hutchinson, 1630 South Thirteenth St.

Windsor Ave., n e and s w s, n e Forty-eighth St., 10 three-st'y brick dwells.; owners, McCouch & Johnson, 1607 Sansom St.

Market St., s s, e Fifty-sixth St., two brick dwells.; owner, John Lydie, 5552 Market St.

Chestnut St., n e s, w Thirty-seventh St., three-st'y brick dwell.; owner, Robt. Kaighn, 3715 Chestnut St.

Sixtieth-and-one-half St., s Haverford St., 2 two-st'y brick dwells.; builder, Geo. W. Steinmetz, Sixtieth-and-one-half and Hamilton Sts.

Chestnut St., n s, w Thirty-seventh St., 2 three-st'y brick dwells.; builder, Jno. A. Palmer, 233 South Fortieth St.

Stafford St., s e s, s w Morris St., two brick dwells.; owner, D. P. Bruner, 4820 Morris St.

Jackson St., n s, w Pratt St., 2 two-st'y brick dwells.; builders, Marshall & Kearns, 2127 Van Pelt St.

Funk St., n s, bet. Jackson and Dittman Sts., two-st'y brick dwell.; builder, Robert E. Kline, Torrence and Conley Sts.

Auburn St., s w cor. Coral St., 2 two-st'y brick dwells.; builder, Dickson Bros., 3045 Frankford Ave.

Rush St., n e cor. Carlisle St., two-st'y brick dwell.; builder, J. C. Miller, 1525 Clearfield St.

Hamilton St., No. 1941, three-st'y brick dwell.; owner, W. A. White, 2841 Girard Ave.

Seventh St., e s, w Fitzwater St., three-st'y brick dwell.; builders, Duross & Dougherty, 766 South Sixteenth St.

Seigel St., s w cor. Eighteenth St., 4 two-st'y brick dwells.; builder, Geo. H. Wagner, Nineteenth and Moore Sts.

Twenty-second St., w s, n Parrish St., 18 three-st'y brick dwells.; owner, John M. Sharp, 1936 South College Ave.

Twenty-fifth St., e s, s Carpenter St., 4 two-st'y brick dwells.; owners, R. & A. Wilson, 823 Scott St.

Moore St., s w cor. Twentieth St., 2 two-st'y brick dwells.; owners, R. & A. Wilson, 823 Scott St.

South Broad St., No. 1818, three-st'y brick dwell.; builder, Jas. H. Hamilton, 1402 Bainbridge St.

Dickinson St., No. 221, two-st'y brick dwell.; owner, W. K. Hallowell, 1611 South Second St.

South Second St., No. 1636, three-st'y brick dwell.; builder, R. P. Bradley, 211 Dickinson St.

Moyamensing Ave., e s, below Dickinson St., two brick dwells.; builders, Doyle & Doak, 1511 Moravian St.

Sixth St., w s, n Cambria St., two-st'y brick dwell.; builder, C. A. Hinkle, 541 West Lehigh Ave.

Jasper St., w s, s Somerset St., 14 two-st'y brick dwells.; owner, Jno. J. Torpey, York Road and Hunting Park.

Lehigh St., s s, bet. Tulip and Memphis Sts., three-st'y brick dwell.; builder, John Maguire, 307 Susquehanna Ave.

Mantua Ave., s w s, e Thirty-fourth St., 5 three-st'y brick dwells.; builder, Thos. Johnston, 2037 Lingo St.

Girard Ave., s s, w Sixty-one-and-one-half St., 3 two-st'y brick dwells.; owner, Robert G. Black, s w cor. Sixty-third and Race Sts.

Archer St., n e cor. Butler St., three-st'y brick dwell.; owner, John Enochs, 1429 Diamond St.

Venango St., n s, e Eighteenth St., 3 two-st'y brick dwells.; owner, Geo. B. Tull, 2819 North Twelfth St.

Ruth St., n w cor. Cambria St., two-st'y brick dwell.; owner, Cornelius Kiley, 2936 Rush St.

Seventh St., w s, s Cambria St., 15 two-st'y brick dwells.; owner, Henry G. Schultz, 2633 Germantown Ave.

Gowan Ave., e Reading R. R., 2 three-st'y brick dwells.; builder, F. L. Hoover, 703 Jayne St.

Eastbourne St., n w s, s w Limekiln Pike, 2 two-st'y brick dwells.; builder, James Armstrong, Haines St., Pittsville.

Union Ave., n e cor. Germantown Ave., three-st'y brick dwell.; owner, W. C. Mackie, Chestnut Hill.

Buckius St., s e cor. Woodbine St., two-st'y brick dwell.; builder, George Fassell, 4739 Chew St.

Emerald St., w s, s Somerset St., 4 two-st'y brick dwells.; owner, W. A. Foster, 2526 Kensington Ave.

Edmund St., e s, w Levick St., two-st'y brick dwell.; builder, George W. Roberts, 3515 Vankirk St.

William St., e and n e s, n Almond St., three brick dwells.; owner, A. H. Williams.

Somerville, Mass.—*Allen St.*, near Somerville Ave., three-st'y frame block of dwells., flat roofs, 26′ x 140′; owner, H. S. Kingman; builder, C. A. Slager.

Beacon St., three-st'y frame dwell., flat roof, 25′ x 44′; owner, Hugh Jones; builder, John McGirr.

Green St., cor. West Green St., frame dwell., 30′ x 41′; owner, Mr. Simonds; builder, C. A. Slager.

Albion St., near Lowell St., two frame dwells., 22.6′ x 30′; owner and builder, Frank Gould.

Lowell St., near Albion St., frame dwell., 22.6′ x 30′; owner and builder, Frank Gould.

Dickinson St., frame dwell., 22′ x 34′; owner and builder, J. W. Connors.

Leon St., frame dwell., 20′ x 29′; owner and builder, J. W. Connors.

Linwood St., three-st'y frame dwell., 29′ x 32′; owner, Mrs. Ellen Dalton; builder, Sylvester Woods.

Allen St., three-st'y frame dwell., flat roof, 29′ x 32′; owner, Chas. Callahan; builder, Sylvester Woods.

Knapp St., No. 1, three-st'y frame dwell., flat roof, 29′ x 38′, and stable; owner, Mary E. Richards; builder, L. D. Richards.

Jay St., near Howard St., three-st'y frame dwell., flat roof, 26′ x 39′; owner, Frank H. Marshall; builder, S. L. Cummings.

Morrison St., frame dwell., 30′ x 46′; owner, Wm. Eager; builders, Bosworth & Sewell.

Oliver St., cor. Glen St., frame dwell., 25′ x 54′; owner and builder, Geo. M. Starbird.

Houghton St., near Prospect St., three-st'y frame dwell., flat roof, 24′ x 44′; owner, Peter Smith; builder, James Mathews.

Trull St., frame dwell., 23′ x 33′; owner, Patrick O'Connell; builder, M. Mullarkey.

St. Louis, Mo.—Two-st'y brick dwell.; cost, $6,000; owner, W. Wrilden; contractor, A. Johnson.

Two-st'y brick dwell.; cost, $7,500; owner, F. Hunkins; contractor, H. A. Christophel.

Two-st'y brick dwell.; cost, $7,500; owner, R. T. Stillwell; contractor, H. A. Christophel.

Two st'y brick dwell.; cost, $2,500; owner and contractor, F. D. Baldwin.

Two-st'y brick dwell.; cost, $4,000; owner, L. B. Boiger; contractor, H. E. Littleton.

Three-st'y brick dwell.; cost, $3,500; owner, Geo. Enders; contractors, Zwicki & Doerflinger.

Two-and-one-half-st'y brick dwell.; cost, $5,500; owner, J. Schierstein; contractor, J. L. Kuhnert.

Two-st'y brick dwell.; cost, $3,800; owner and contractor, J. T. Smith.

Two-st'y brick dwell.; cost, $3,500; owner, Mrs. F. Friday; contractor, Hobenstein.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, J. Althaus.

Two-st'y brick dwell.; cost, $4,000; owner, H. A. Lingenbrink; contractor, G. Smith.

Two-and-one-half-st'y brick dwell.; cost, $11,000; owner, P. Monahahn; contractor, M. Laine.

Two-and-one-half-st'y brick dwell.; cost, $8,000; owner, C. C. Spink; contractor, C. A. Muller & Bro.
Two-st'y brick dwell.; cost, $10,000; owner, Theo. Hammelman; contractor, Dreyer Bros.
Four two-st'y brick dwells.; cost, $12,000; owner, C. Broekel; contractor, F. N. Grey & Bro.
Two two-st'y brick dwells.; cost, $6,000; owner, J. J. Quinlan; contractor, F. N. Grey & Bro.
Twelve two-st'y brick dwells.; cost, $40,000; owners, Malby & Roe; contractor, C. W. Prince.
Two two-st'y brick dwells.; cost, $5,600; owner and contractor, W. J. Howland.
Two-st'y brick dwell.; cost, $4,200; owner, A. Mueller; contractor, F. Mueller.
Two-st'y brick dwell.; cost, $3,000; owner and contractor, L. B. Wright.
Two-st'y brick dwell.; cost, $7,500; owner and contractor, L. B. Wright.
Two-st'y brick dwell ; cost, $7,000; owners and contractors, Wade & Strausburg.
Three-st'y brick dwell.; cost, $3,502; owner, Jno. Barckers; contractors, Mathia & Schneider.
Two-st'y brick dwell.; cost, $2,600; owner and contractor, G. L. Bulkley.
Two-st'y brick dwell.; cost, $3,000; owner, Geo. Deutman; contractor, R. Deutman.
Two two-st'y brick dwells.; cost, $10,850; owner, A. O'Donnell; contractor, J. Smith.
Two-st'y brick dwell.; cost, $5,800; owner, E. Robinson; contractor, Madison Construction Co.
Two-st'y brick dwell.; cost, $7,000; owner, Jno. Denny; contractor, E. T. Allen.
Two two-st'y brick dwells.; cost, $5,000; owner, J. Weiler; contractors, Florence & Spencer.
Two two-st'y brick dwells.; cost, $5,000; owner and contractor, J. H. Rodmore.
Two-st'y brick dwell.; cost, $3,000; owner and contractor, Mrs. C. Fuchs.
Two-st'y brick dwell.; cost, $5,500; owner, Mrs. M. Stork; contractor, J. H. Dunlap.
Two two-st'y brick dwells.; cost, $6,000; owner and contractor, Wilson Keye.
Two-st'y brick dwell.; cost, $4,500; owner, H. O. Erman; contractor, Wm. Kennedy.
Two-and-one-half-st'y brick dwell.; cost, $5,500; owner and contractor, Wm. Kennedy.
Three two-and-one-half-st'y frame dwell.; cost, $16,500; owner and contractor, Wm. Kennedy.
Five two-st'y brick dwells.; cost, $19,500; owner, A. K. Flinda; contractor, R. H. Newberry.
Two-st'y brick dwell.; cost, $2,500; owner, K. Mueller; contractor, F. Deilenheim.
Three two-st'y brick dwells.; cost, $10,500; owner, Wm. Ehler; contractor, C. H. Sudhoelter.
Two two-st'y brick dwells.; cost, $5,000; owner, Mary E. Hunt; contractor, E. W. Greggerson.
Two-st'y brick dwell.; cost, $3,000; owner, Mary J. Walsh; contractor, E. W. Greggerson.
Two-and-one-half-st'y brick dwell.; cost, $6,200; owners, Mrs. Pittman & Douglas; contractors, C. A. Muller & Bro.
Two-and-one-half-st'y brick dwell.; cost, $5,000; owner and contractor, O. N. Sanguinet.
Two two-st'y brick dwells.; cost, $10,000; owner, T. S. Gerhart; contractor, Riedisser.
Two-st'y brick dwell.; cost, $2,600; owner, Mrs. K. Walsh; contractor, J. Floir.
Two-st'y brick dwell.; cost, $4,000; owner, W. C. Lewis; contractors, Hassinger & Ripp.
Two-st'y brick dwell.; cost, $3,000; owner, Anna Beckman; contract not let.
Two-and-one-half-st'y brick dwell.; cost, $3,500, owner, Jos. Machlstechek; contractor, Bisser Bro.
Two two-st'y brick dwells.; cost, $6,000; owner, H. C. Camein; contractor, F. Wende.
Five two-st'y brick dwells.; cost, $15,000; owner, A. H. Banker; contractors, Banker & Edwards.
Two two-st'y brick dwells.; cost, $6,000; owner and contractor, D. Sudhoelter.
Two-st'y brick dwell.; cost, $2,800; owner, F. Uthoff; contractor, Wm. Daman.
Two-st'y brick dwell.; cost, $3,900; owner and contractor, C. Dougherty.
Two-st'y brick dwell.; cost, $5,900; owner, R. Champion; contractor, H. Loyd.
Two two-st'y brick dwells.; cost, $10,000; owner and contractor, C. C. Newberry.
Two-st'y brick dwell.; cost, $4,000; owner, F. W. Hoffman; contractors, Schroder & Roser.
Two-st'y brick dwell.; cost, $2,500; owner, A. L. Marx; contractor, Geo. L. Bulkley.

Worcester, Mass. — *Gates Ave.*, two-and-one-half-st'y frame dwell.; owner, A. Wakefield; contractor, C. A. King.
Gage St., one-and-one-half-st'y frame dwell.; owner, M. P. Cahill; contractor, J. A. Kennedy.
Maywood St., one-and-one-half-st'y frame dwell.; owner, C. H. Kenney; architect, W. H. Harvey; contractor, Geo. M. Hubbard.
June St., two-st'y frame dwell.; owner, W. E. Atherton; architects, E. Boyden & Son; contractors, G. S. & H. G. Hadley.
Furnum St., 2 one-and-one-half-st'y frame dwells.; owner and contractor, J. B. Tucker.
Southbridge St., three-st'y frame dwell.; owner, Dennis Shea; contractor, J. A. McDermott.
Beaver St., three-st'y frame dwell.; owner and contractor, M. Wood.
Canterberry St., three-st'y frame dwell.; owner, Stephen Boland; contractor, J. A. Gallagher.
Ballard St., two-st'y frame dwell.; owners and contractors, J. S. Ballard estate; architects, Barker & Nourse.
Pleasant St., two-st'y frame dwell.; owner and contractor, O. C. Thayer.
Litchfield St. three-st'y frame dwell.; owner, J. Warden; contractor, E. B. Rogers.
Park Ave., three-st'y frame dwell.; owner, C. A. Middlemas; contractor, C. A. Stone.
Vernon St., three-st'y frame dwell.; owner, C. B. Murphy; contractor, L. M. Petterson; architects, Patstone & Lincoln.
Stockholm St., one-and-one-half-st'y frame dwell.; owner, P. M. Back; contractor, L. M. Petterson.
Perry Ave., one-and-one-half-st'y frame dwell.; owner, A. Kalling; contractor, L. M. Petterson.
Pleasant St., one-and-one-half-st'y frame dwell.; owner and contractor, O. C. Thayer.
Paine St., two-st'y frame dwell.; owner, A. J. Hooper; contractor, J. A. Larkham
Park Ave., one-and-one-half-st'y frame dwell.; owner, D. B. Goddard: day work.
Homestead Ave., two-st'y frame dwell.; owner, Chas. Both; contractor, C. A. Stone.
Vernon St., three-st'y frame dwell.; owner, Mrs. H. Hopkins; contractor, L. M. Peterson.
Mulberry St., two-and-one-half-st'y frame dwell.; owner, Eric Beckman; contractor, L. M. Peterson.
Chandler St., two-st'y frame dwell.; owners, Porter & Gardner; architects, Barker & Nourse; contractor, L. T. Houghton.
Washington Ave., 2 two-st'y frame dwells.; owner and contractor, H. B. Pender.
Endicott St., three-st'y frame dwell,; owner, Mrs. Mary Howard; contractor, A. R. Marble.
Wayne St., one-and-one-half-st'y frame dwell.; owner and contractor, C. A. King.

OFFICE-BUILDINGS.

Augusta, Ga. — A twelve-st'y office-building is to be built by J. B. White.

Chicago, Ill. — Chicago Contract Construction Co., three-st'y office and flats, 4010 Wabash Ave.; cost, $7,000.
Calumet Electric Street Lighting Co., two-st'y office-building, 9334 Drexel Ave.; cost, $3,000.

SCHOOL-HOUSES.

Boston, Mass. — *Thornton and Fulda Sts.*, Ward 21, two-st'y brick schoolhouse, flat roof, 30′ x 105.4′; owner, City of Boston; builders, S. Brennan & Co.

Chicago, Ill. — Board of Education, two-st'y schoolhouse, Eighty-ninth St. and Superior Ave.; cost, $30,000.
Rush Medical College, five-st'y college, 758-766 Harrison St.; cost, $40,000.
The University of Chicago, Lexington Ave., bet. Fifty-seventh and Fifty-ninth Sts., four-st'y "Kelly Hall," cost, $50,000; four-st'y "Snell Hall," cost, $50,000; three-st'y "Walker's Museum," cost, $150,000.

Hawkinsville, Ga. — School-building, to cost about $10,000, will be built.

St. Louis, Mo. — Three-st'y brick schoolhouse; cost, $25,000; owners, St. Louis Public Schools; contractor, Dunn Bros.

Suffolk, Va.—Plans are being prepared for a school-building, to cost about $10,000.

Velasco, Texas. — The building of a $100,000 college is contemplated by the managers of the Odessa College Fund.

STABLES.

Baltimore, Md. — Charles F. Muller will build two-st'y brick stable, 738 West Mulberry St.

Boston, Mass. — *Faneuil St., rear*, near Market St., Ward 25, frame stable, 25′ x 43′; owner, T. E. Kenney; builder, James Muldeen.
Washington St., rear, No. 1053, Ward 24, frame stable, 23′ x 35′; owner and builder, H. B. Whall.
Norfolk St., rear, near Walk Hill St., Ward 24, frame stable, 21′ x 28′; owner, J. F. Whittredge; builder, R. McDonald.

Brooklyn, N. Y. — *Lexington Ave.*, s s, 200′ w Broadway, two-st'y brick stable and dwell., copper tile roof; cost, $10,000; owner, H. J. Wehmann, Greene Ave.; architect, F. Holmberg, 1169 Broadway.
Quincy St., s e cor. Ralph Ave., two-st'y brick stable, gravel roof; cost, $6,500; owner and builder, E. Hendrickson, 534 Lafayette Ave.; architect, Wm. Hendrickson, 534 Lafayette Ave.

Camden, N. J. — *Tulip St., No.* 918, two-st'y frame stable; owner, Isaac Newton.
Chestnut St., below Eighth St., two-st'y frame stable; owner, Jos. M. Ross.
Lemon and Morris Sts., one-st'y stable; owner, John Rowe.

New York, N. Y. — *Seventh Ave., Nos.* 7 and 9, two-st'y brick stable, tin roof; cost, $10,000; owner, St. Vincent Hospital, 162 West Twelfth St.; architects, Wm. Schickel & Co., 246 Fifth Ave.

Philadelphia, Pa.—*Twentieth St.*, e s, n Moore St., three-st'y brick stable; builder, Chas. B. Prettyman, 1622 Christian St.
Taylor St., s w cor. Ninth St., one-st'y brick stable; builder, C. Stines, 712 Fairmount Ave.
Collom and Springfield Sts., two-st'y brick stable; owner, Mrs. S. C. Alman, 1604 South Sixteenth St.
Tabor St., n s, w Second St., two-st'y brick stable; builder, Lemuel Altemus, Olney St.
Helen St., e s, s Somerset St., brick stable; owner, W. A. Foster, 2526 Kensington Ave.
Perth St., No. 1508, two-st'y brick stable; builder, John Weible, 2337 North Ninth St.
Front St. and Lehigh Ave., two-st'y brick stable; builders, Kemp & Garrison, 1320 Olive St.
Fifteenth St., w s, s Germantown Ave., two-st'y brick stable; owner, W. D. Freind, 3832 Germantown Ave.
Charles St., No. 624, one-st'y brick stable; builder, H. Blumenthal, 616 South Sixth St.
Clinton St., w s, s Rockland St., brick stable; builder, Lewis B. Bitters, 2919 Poplar St.
Longshore St., s s, w Tulip St., one-st'y brick stable; builder, Louis Chambers, 3624 Longshore St.
Schiller St., e Tenth St., two-st'y brick stable; builder, J. Koeler, 3433 North Twelfth St.
Ontario St., s w cor. Norris St., three-st'y brick stable; owner, W. Frisbey Smith, 1313 Green St.
Eighth St., e s, s Albertson St., one-st'y brick stable; builder, H. Wahrhaftg, 407 Gaskill St.
Ridge Ave., w s, n Cinnaminson St., two-st'y brick stable; builder, S. B. Righter, Fountain St., Roxborough.
Gay St., w s, w Wood St., two-st'y brick stable; builder, Walter Rowland, 469 Martin St.
Martin St., n e cor. Pechin St., two-st'y brick stable; builder, Frank Gillett, 200 Ripka Ave.
Harper and Twenty-seventh Sts., two-st'y brick stable; builder, R. B. Clark, Sharon Hill.
Webster St., n s, e Twenty-second St., two-st'y brick stable; builder, J. T. Akin, 1315 Reed St.
Christian St, n s, w Twenty-sixth St., one-st'y brick stable; builder, Jacob R. Jordan, 1626 South Broad St.
Mt. Moriah Lane, near B. & O. Railroad, two-st'y brick stable; builder, McKee Bros., 19 South Thirteenth St.
Fiftieth St., s s, e Pentridge St., two-st'y brick stable; builders, Benson & Miller, 5010 Willow St.
Uber St., w s, n Montgomery Ave., two-st'y brick stable; builder, J. S. Connell & Son, 1919 Woodstock St.
Fletcher St., n s, e Thirtieth St., two-st'y brick stable; builder, E. S. Davis, 2915 Diamond St.
Brown St., s s, w Forty-third St., two-st'y brick stable; builder, Thos. C. Sloan, 51 North Fortieth St.
Tioga St., s e cor. Carlisle St., one-st'y brick stable; owner, Edward L. Foulke, 1427 Tioga St.
Clementine St., n s, e Frankford Ave., two-st'y brick stable; builder, Frank Dietrich, 2677 Frankford Ave.

Somerville, Mass. — *Knapp St., No.* 1, frame stable, 20′ x 20′; owner, Mary E. Richards; builder, L. D. Richards.

Worcester, Mass.—*Hathaway St.*, one-and-one-half-st'y frame stable; owner, J. M. Gray; contractor, Geo. M. Hubbard.
Plantation St., two-st'y brick stable; owner, P. Fountaine; contractor, J. A. Courtmanche.
Channing St., two-st'y frame stable; owner, G. H. Scott; day work.

STORES.

Boston, Mass. — *Eliot St., No.* 164, cor. Warrenton St., Ward 11, five-st'y brick store, flat roof, 37′ x 48′; owner, Peter T. Connor; builders, R. Sullivan & Son.
Carver St., No. 85, Ward 11, one-st'y iron store, flat roof, 18.7′ x 28′; owner, J. W. Colman; builder, J. R. McDonald.

Brooklyn, N. Y. — *Evergreen Ave.*, n w cor. Van Voorhis St., three-st'y frame store and dwell., tin roof; cost, $3,500; owner, F. H. Schild, on premises; architect, H. Vollweiler, 483 Hart St.
Fulton St., s s, 70′ 6½″ e Elton St., three-st'y frame store and dwell., tin roof; cost, $5,500; owner, Mrs. M. Lehmann, Elton St. and Fulton Ave.; architect, Chas. Infanger, 126 Van Siclen Ave.
Melrose St., s s, 125′ e Knickerbocker Ave., 2 three-st'y frame stores and dwells., tin roofs; cost, $4,000 each; owner and builder, J. Treiber, 1403 Myrtle Ave.; architect, W. B. Wills, 504 Hart St.
Butler St., n w cor. Troy Ave., and *Troy Ave.*, s w cor. Park Place, 2 three-st'y frame stores and dwells., gravel roofs; cost, $3,000 each; owner, Wm. Herod, Butler St. and Albany Ave.; architect, C. D. Terry, 1750 Pacific St.
Broadway, n e cor. Greene Ave., four-st'y brick furniture store, tin roof; cost, $35,000; owner and builder, Henry Roth, 1091 Myrtle Ave.; architect, Th. Engelhardt, 905 Broadway.

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Fourth Ave., n e cor. Seventeenth St., four-st'y brick store and dwell., tin roof; cost, $11,000; owner and builder, A. G. Calder, 420 Eighth St.; architect, W. M. Calder, 420 Eighth St.

Central Ave., w s, 50′ s Halsey St., 4 three-st'y frame stores and dwells., tin roofs; cost, $3,000 each; owners, architects and builders, Cozine & Gascoine, 1223 Bushwick Ave.

Third St., n e cor. Seventh Ave., five-st'y brick store and dwell., tin roof; cost, $16,000; owners, Gold, Nicoll & Anderson, Third St. and Third Ave.; architect, L. Anderson, 33 Cornelia St.

Watkins St., n e cor. Livonia St., three-st'y brick store and dwell., tin roof; cost, $9,000; owner, J. Goldenberg, Osborne St., cor. Livonia St.; architect, L. Damahcher, 31 Watkins St.

Van Siclen Ave., n w cor. Belmont Ave., three-st'y brick store and dwell., tin roof; cost, $5,000; owner, S. A. R. Cox, Van Siclen and Belmont Aves.; architect, Alex. Fowler, 592 East One Hundred and Thirty-seventh St., New York City; builder, J. B. Alexander, Van Siclen and Belmont Aves.

Atlantic Ave., s e cor. Alabama Ave., two-st'y brick store and hall, tin roof; cost, $8,000; owner, J. W. Erreger, 2581 Atlantic Ave.; architect, A. J. Warren, 2581 Atlantic Ave.

Ralph St., w s, 80′ n Decatur St., four-st'y brick store and flat, tin roof; cost, $14,000; owners, H. B. Hill & Co., 243 Reid Ave.; architect, H. B. Hill, 243 Reid Ave.

Knickerbocker Ave., e s, 25′ n Stanhope St., 5 three-st'y frame stores and dwells., tin roofs; cost, $4,500 each; owners and architects, Hahn Bros., 286 Central Ave.

Dean St., s s, 100′ e Fifth Ave., two-st'y brick store and dwell., gravel, cement and felt roof; cost, $5,000; owner, M. Bennett, 416 Dean St.; architect, J. D. McAuliffe, 319 Flatbush Ave.

Chestnut St., n w cor. Eastern Parkway, three-st'y frame store and dwell., tin roof; cost, $4,500; owner, F. E. Hart, Van Siclen Ave.; architect, Wm. Danmar, Van Siclen and Atlantic Aves.

Bedford Ave., s w cor. Prospect Pl., four-st'y brick store and dwell., tin roof; cost, $16,000; owner, Henry Carson, Bedford Ave. and Fulton St.; architect, Wm. Danmar, Atlantic and Van Siclen Aves.; builder, A. W. Blazo, 316 Lewis Ave.

Crystal St., s e cor. Eastern Parkway, three-st'y frame store and flat, tin roof; cost, $6,500; owner and architect, M. F. Walsh, 74 Rockaway Ave.

Chicago, Ill. — L. McGaully, 6 three-st'y stores and flats, 195-201 Jackson St.; cost, $54,000.

O. Ramstrom, two-st'y store and flats, 5808 Wentworth Ave.; cost, $3,800.

Frederick D. Hess, 5 four-st'y stores and flats, s w cor. Sixty-fifth and State Sts.; cost, $72,000.

C. Meyers, 3 two-st'y stores and flats, 5530-5534 State St.; cost, $7,000.

Waelor & Memeck, 2 two-st'y stores and flats, 923-925 South California Ave.; cost, $4,000.

Mrs. Charles Underwood, 2 three-st'y stores and flats, 5927-29-30-32 Lake Ave ; cost, $9,000.

J. M. Vale, two-st'y store and flats, 611 Sixty-third St.; cost, $4,000.

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L. M. Larson, four-st'y store and flats, 6312 Halsted St.; cost, $10,000.

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Nick Weilder, two-st'y store and flats, Western Ave.; cost, $25,000.

L. D. Cleveland, three stores, 1180 1188 Harrison St.; cost, $5,000.

Joseph Plachetka, three-st'y store and flats, 569 Laflin St.; cost, $6,000.

John Severinghaus, three-st'y store and flats, 433 Ashland Ave.; cost, $5,400.

Friedrich Meyer, four-st'y store and flats, 752 Twentieth St.; cost, $9,000.

E. Augesten, four-st'y store and flats, 205 Lincoln St.; cost, $10,000.

Wisdom Thompson, four-st'y store and flats, 6109 Wentworth Ave.; cost, $15,000.

Mrs. Mary Dinquid, three-st'y store and flats, 657 Ashland Ave.; cost, $6,000.

Christian Schafer, 2 three-st'y stores and flats, 767-769 West Chicago Ave.; cost, $3,000.

G. Wall, two-st'y store and flats, 818 Thirty-fifth St.; cost, $4,000.

E. D. Murray, three stores and flats, 7050-7054 Cottage Grove Ave.; cost, $25,000.

Iverson & Co., 4 three-st'y stores and flats, 35-37 West Center Ave.; cost, $14,000.

Dan Salis, five-st'y store, flats and hall, 511 Jefferson St.; cost, $25,000.

A. C. Ratizler, two-st'y store and flats, Seventy-fifth St. and Shell Ave.; cost, $3,000.

Andrew Peterson, three-st'y store and flats, 547 California Ave.; cost, $13,000.

Sam Stern, four-st'y store and flats, 383 South Clark St.; cost, $12,000.

M. A. Fox, three-st'y store and flats, 1646 West Tenth St.; cost, $12,000.

B. Kurnjen, two-st'y store and flats, 404 North Clark St.; cost, $4,000.

C. B. Smith, 7 four-st'y stores and flats, 294-298 Fifty-fifth St.; cost, $50,000.

T. Duecly, three-st'y store and flats, 5485 Lake Ave.; cost, $8,000.

Cincinnati, O. — Susan L. Winslow, three-st'y brick and stone store and dwell., McMillan St.; cost, $3,000; architect, A. O. Elznor.

Wm. Ewing, two-and-one-half-st'y brick and stone stores and dwell., Eastern Ave.; cost, $5,500; architect, Theo. Richtor.

Montreal, Can. — *Windsor St.*, store and dwell.; owner, L. Chaput; architect, A. Dubreuil, 1608 Notre Dame St.

St. James St., building for stores: cost, $100,000; owner, S. Carsley; architect, J. J. Browne, 207 St. James St.

Stanley St., two stores and dwells.; owner, J. F. McMartin; architect, Robert Findlay, Sun Life Building.

New York, N. Y. — *Fifty-ninth St.*, s s, 628′ w Eleventh Ave., one-st'y brick store, pitch, tin and galvanized iron roof; cost, $8,000; owner, Eastman's Company of New York, Fifty-ninth St. and Eleventh Ave.; architect, I. E. Terhune, 47 Liberty St.

One Hundred and Thirty-seventh St., s s, 50′ e Rider Ave., three-st'y brick store, tin roof; cost, $12,000; owner, J. L. Mott Iron Works, 84 and 90 Beekman St.; architect, A. G. Thomson, 279 Jefferson Ave.

West Eleventh St., Nos. 385, 387, 389, 3 five-st'y brick stores, gravel roofs; cost, $72,000; owner, Estate of E. N. Hoffman, 4 Warren St., Brooklyn; lessee, Emery Van Tassel, 571 Fifth Ave.; builder, Peter Tostivin's Sons, 122 Bowery.

Philadelphia, Pa. — *Sansom St., No.* 810, five-st'y brick store; builder, F. L. Hoover, 703 Jayne St.

St. Louis, Mo. — Two-st'y brick store and dwell.; cost, $7,800; owner, Mrs. B. M. Tietze; contractors, Kluth & Boeke.

Two-st'y brick store and dwell.; cost, $3,000; owner, L. Saunders; contractor, R. J. Loyd.

Two-and-one-half-st'y brick store and dwell.; cost, $4,000; owner, H. Herberholt; contractor, F. Mueller.

Two-st'y brick stores and offices; cost, $8,000; owner, J. G. Priest; contractor, M. Connolly.

Seven two-st'y brick stores and dwells.; cost, $20,000; owner, J. Ghio; contractor, A. T. Cook.

Five two-st'y brick stores and dwells.; cost, $14,000; owner, C. W. Heeg; contractors, Newton, Evans & Co.

Three-st'y brick store and dwell.; cost, $5,000; owner, P. Reedy; contractor, J. Flannery.

Two-and-one-half-st'y brick dwell.; cost, $5,000; owner, L. A. Bowlin; contractor, J. Flannery.

Three-st'y brick store; cost, $4,500; owner and contractor, A. Unah.

Six two-st'y brick stores and dwells.; cost, $18,-; owner, S. Bowman; contractors, Riechers & Son.

Two-st'y brick stores and dwells.; cost, $2,500; owner, J. F. Kuepper; contractor, F. Wende.

TENEMENT-HOUSES.

Boston, Mass.— *Brighton St., No.* 125, Ward 8, four-st'y brick tenement, flat roof, 23.6′ x 50′; owner, Etta Lebowich.

Montreal, Can. — *St. Denis St.*, tenement-house; owner, Pierre T. Cantara; architect, Robert Falbord, 7 Place d'Armes.

New York, N. Y.— *White St., No.* 125, front, five-st'y brick tenement, tin roof; cost, $10,000; owner, Nathan Cohen, 130 White St.; architect, Michael Bernstein, 241 East Broadway.

One Hundred and Fifty-sixth St., n e cor. Brook Ave., three-st'y brick tenement, tin roof; cost, $7,000; owner, John D. Crimmins, 1043 Third Ave.; architect, A. V. Porter, 566 Lexington Ave., Brooklyn.

First Ave., s s, 100′ 11″ n One Hundred and Fourth St., four-st'y brick tenement, tin roof; cost, $14,000; owner, Charles Spingler, 2019 First Ave.; architect, H. D. Carter, 77 East One Hundred and Fourteenth St.

Somerville, Mass.—*Bond St.*, cor. Jaques St., three-st'y frame tenements, flat roof, 38′ x 50′; owner, Frank Bolimer; builder, Geo. E. Ricker.

Prospect St., No. 102, and near Houghton St., 2 three-st'y frame tenements, pitch roofs, 28′ x 58.6′, 25.6′ x 36′; owner, Lena Houllahan; builder, Willoughby Ford.

WAREHOUSES.

Brooklyn, N. Y.— *Park Ave., No.* 885, five-st'y brick storage warehouse, tin roof; cost, $12,000; owner, E. T. Jenkins, 887 Park Ave.; architect, F. Holmberg, 1169 Broadway.

Thirteenth St., s s, 250′ w Second Ave., three-st'y frame storage warehouse, gravel roof; cost, $3,500; owner and builder, Samuel Roebuck, 175 Seventeenth St.; architect, C. B. Fish, 294 Eighth St.

Chicago, Ill.—B. Lawlher, four-st'y warehouse, 114-116 Market St.; cost, $15,000.

Philadelphia, Pa. — *Vine St.*, s s, e Twenty-fourth St., three-st'y brick warehouse; builder, J. W. Fitzinger, 322 Gates St.

MISCELLANEOUS.

Boston, Mass. — *Beacon St., rear, No.* 464, Ward 11, one-st'y iron storage, 25′ x 23′; owner, Louis Curtis; builder, F. L. Whitcomb.

Richmond St., No. 105, Ward 6, one-st'y iron build-

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ing, flat roof, 29′ x 35′; owner, Angeto Fillipo; builder, M. F. Sullivan.

Brooklyn, N. Y.—*Belmont Ave.*, s w cor. Powell St., four-st'y frame tailor shop, tin roof; cost, $7,500; owners and builders, Axelrod & Lovingen, 92 Thatford Ave.

Fulton St., s s, 169′ w New York Ave., one-st'y brick laundry, tar and gravel roof; cost, abt. $8,000; owner, Mrs. C. B. French, 709 Fulton St.; architect, John T. Wachter, 141 Lefferts Pl.

Camden, N. J.—*Broadway and Division St.*, two-st'y brick slaughter house; owner, B. Meloney.

Berkley St., No. 577, one-st'y frame shed; owner, Jos. P. Vennell.

Locust and Walnut Sts., one-st'y brick building; owner, Chas. Watson.

Ferry Ave. and Washington St., one-st'y brick shop; owner, M. Lightcap.

Venango St., s s, e Huntingdon St., four-st'y brick stock house; builder, R. C. Winnals & Bro., 1628 Margaretta St.

East Cumberland St., No. 2077, two-st'y brick engine house; builder, W. C. Haddock, 2219 East York St.

Huntingdon St., No. 2405, brick shop; builder, Wm. F. Kelly, 1800 North Twenty-seventh St.

Division St., s s, e Edgemont St., two-st'y brick boiler h use; owner, John T. Gordon & Bro., 2957 Salmon St.

Eleventh St., near Race St., stone, brick, iron and cement water tower; for the Philadelphia and Reading Terminal Railroad; architects and engineer, Wilson Bros., Drexel Building.

Spruce St., Nos. 241 to 247, frame shed; owner, Frank Yeager.

Emerald St., No. 424, two-st'y brick slaughter-house; owner, W. A. Harden.

Jefferson Ave., below Master St., one-st'y frame shed; owner, R. H. Comey.

Chattanooga, Tenn.—It is reported that C. C. Howard will build a brick business block, to cost from $25,000 to $40,000.

Chicago, Ill.—George Hoff, four st'y storage house, 6101-6103 Wentworth Ave.; cost, $5,000.

Thomas Baliner, two-st'y club house, 1235 Hollywood Ave.; cost, $6,000.

N. Paches, two-st'y planing mill, 505-513 Illinois St.; cost, $8,000.

Cincinnati, O.—Cincinnati Club, two-and-one-half-st'y brick and stone club-house, Melrose Ave.; cost, $57,000; architect, A. O. Elzner.

George B. Cox, five-st'y brick and stone building, Seventh St.; cost, $13,500; architects, Samuel Hannaford & Sons.

F. D. Loeffler, one-st'y frame hall, cor. Jefferson and St. Clair Sts.; cost, $2,500; architects, Rieg & Marty.

Minneapolis, Minn.—Mrs. E. W. Harrison, brick business block, 18-22 North Third St.; cost, $40,000; architects, Long & Kees.

New York, N. Y.—*One Hundred and First St.*, n s, 195′ e First Ave., two-st'y brick workshop, tin roof; cost, $7,000; owner, Richard Hanly, Suffolk County, N. Y.; lessee, William Newman, 200 First Ave.; architect, A. Spence, 163 East One Hundred and Twenty-fifth St.

Forty-fifth St., n s, 169′ e First Ave., *Forty-sixth St.*, s s, 169′ e First Ave., two-st'y brick workshop, tin roof; cost, $45,000; owners, Schwartzchild & Sulzberger, Forty-fifth St. and First Ave.; architects, A. B. Ogden & Son, 1031 Madison Ave.

Pitt St., rear, No. 66, six-st'y brick workshop, tin roof; cost, $8,000; owner, Herman Przeworsky, 59 Suffolk St.; architects, Horenberger & Stewart, 128 Bowery.

Philadelphia, Pa.—*Market St.*, n s, w Fifteenth St., train shed; owner, P. R. R. Co., Broad Street Station.

York St., n s, e Thompson St., one-st'y brick boiler house; builders, Enweichter & Sons, 2028 East Allegheny Ave.

American and Huntingdon Sts., one-st'y brick dye works; architects, Collins & Autenreith, 410 Walnut St.

Hutchinson St., No. 1242, two-st'y brick shop; owners, G. & W. Caverrow, 1243 North Tenth St.

Allegheny Ave., s s, e Nineteenth St., three-st'y brick boiler house; owner, The Warden Manufacturing Co., Eighteenth St. and Allegheny Ave.

Penn St., e s, n Bellefield St., brick dye house; builder, Alfred Gomersall, 63 Jefferson St., Germantown.

Delaware Ave., w s, s South St., six-st'y brick storehouse; builders, Samuel Hart & Son, 1109 Fairmount Ave.

Reed St. Wharf, four-st'y brick sugar refinery; builders, Samuel Hart & Son, 1109 Fairmount Ave.

Sunderland Ave., e s, n Christian St., one-st'y brick car house; builders, Samuel Hart & Son, 1109 Fairmount Ave.

Philadelphia and Reading Railroad, w s, above Columbia Ave., one-st'y brick storehouse; owner, John W. Fenlin, 1719 North Tenth St.

Providence, R. I.—*Broad, Niagara, Laura and Mitchell Sts.*, three-and-one-half-st'y brick building for Home for Aged Men; cost, $50,000; architect, F. E. Field.

Somerville, Mass.—*Cambridge St.*, near Washington St., frame building, 44′ x 800′; owner, Boston & Maine Railroad; builder, H. Bissell.

Lake St., frame storage, 34′ x 70′; owner, G. W. Lake; builder, G. W. Ryan.

Staunton, Va.—Payne & Hulvey have received contract, at $16,948, to build market-house.

St. Louis, Mo.—Two-st'y brick attemperating house; cost, $2,500; owner, A. Bush Brewery Co.

Two-st'y brick house for salvage corps; cost, $9,000; owner, St. Louis Board of Underwriters; contractor, Fitzgibbon.

Worcester, Mass.—*Tainter St.*, two-st'y brick and stone coke and sand building; owners, Rice, Barton & Fales; contractors, Webb Granite & Construction Co.; architects, Fuller & Delano.

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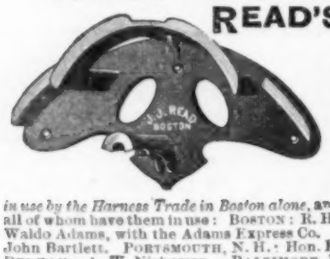

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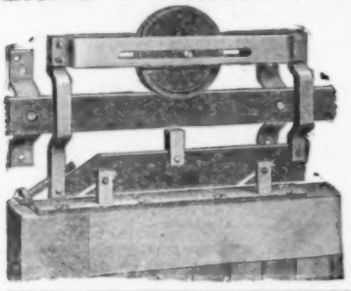

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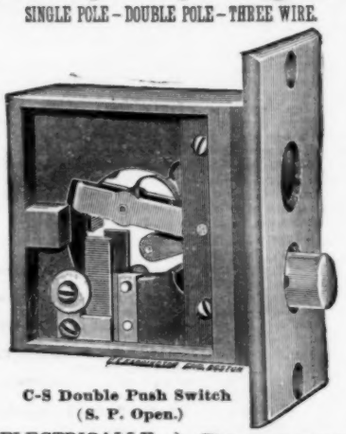

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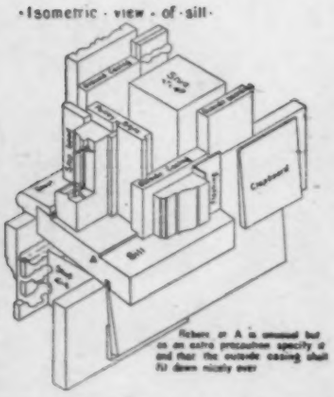

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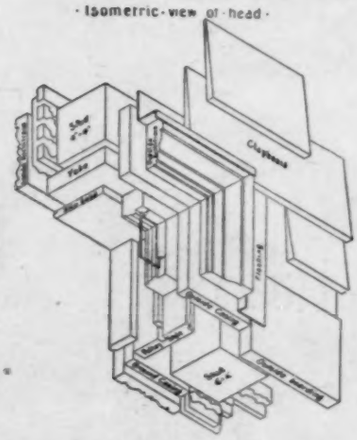

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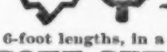

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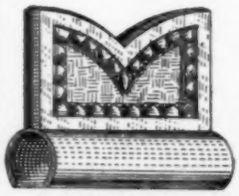

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BUILDING MATERIALS.

	New York.	Boston.	Chicago.	Philadelphia.
LUMBER.—₱ M.	*(Wholesale Prices.)*		*(Prices to Builders and Contractors.)*	
Boards: *(Ordinary dimensions.)*				
Pine, 1st quality, clear	65 00 @ 75 00	50 00 @ 60 00	42 00 @ 50 00	48 00 @ 55 00
" 2d quality	55 00 @ 60 00	42 00 @ 50 00	27 00 @ 38 00	40 00 @ 45 00
" 3d quality	18 00 @ 22 00	35 00 @ 40 00	14 00 @ 20 00	30 00 @ 35 00
Spruce	@ 25 00	14 50 @ 25 00	*Not sold.*	16 00 @ 20 00
Hemlock	ea 13½ @ 14	13 00 @ 15 00	@ 12 00	11 25 @ 13 50
Yellow pine	20 @ 40	25 00 @ 35 00	21 00 @ 34 00	14 00 @ 29 00
Cypress	@	31 00 @ 40 00	18 00 @ 34 00	@ 35 00
Clapboards:				
Pine	@	38 00 @ 60 00	11 00 @ 24 00	14 00 @ 25 00
Spruce	@	23 00 @ 38 00	*Not sold.*	*Not sold.*
Framing Timber:				
Pine			12 00 @ 17 50	25 00 @ 37 30
Spruce	14 00 @ 18 00	15 50 @ 18 00	*Not sold.*	16 00 @ 18 00
Hemlock	12 00 @ 16 00	13 00 @ 15 00	10 00 @ 13 00	13 00 @ 17 00
Yellow pine	18 00 @ 21 00	22 00 @ 35 00	24 00 @ 34 00	22 00 @ 28 00
Laths:				
Pine	@	2 25 @ 2 50	@ 2 65	2 75 @ 3 00
Spruce	2 85 @ 3 00	2 35 @ 2 50	*Not sold.*	2 30 @ 3 00
Shingles:				
Pine, shaved ₱ M.	5 00 @ 6 00	@	*Not sold.*	
Pine, sawed " "	4 00 @ 5 00	@ 4 50	2 60 @ 3 15	
Spruce, sawed " "	1 50 @ 2 00	1 50 @ 00	*Not sold.*	
Redwood ₱ 125	1 40 @ 1 60	3 75 @ 4 00	6 00 @ 7 50	
Cedar split ₱ M.	@	@	*Not sold.*	30″ $35 @ 40 24″ 8 @ 21
Cedar sawed " "	@	2 00 @ 4 00	2 60 @ 2 75	20″ 35 @ 14
Cypress. Split 7 x 24. " "	18 00 @ 20 00	5 00 @ 6 00	3 50 @ 4 00	11 00 @ 14 00
Miscellaneous:				
Piles ₱ ft.	4½ @ 5½	Piles 6c. ₱ ft.	Cut to order.	
Fence pickets, Common	8 00 @ 10 00	10 00 @ 18 00	P.10 00 @ 22 00	9 00 @ 13 00
Cedar posts, 9 ft. (sq. posts.)	@	25 @ 50	9 @ 21	40 @ 1 25
Chestnut posts	@	25 @ 50	*Not sold.*	20 @ 30
Finishing Woods: ₱ M. *(First Qual. Kiln-dried.)*				
Ash	@ 55 00	45 00 @ 60 00	14 00 @ 30 00	30 00 @ 40 00
Cherry	80 00 @120 00	90 00 @ 120 00	35 00 @ 90 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	17 00 @ 35 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood [Mexican]	@180 00	150 00 @ 160 00	110 00 @ 170 00	150 00 @ 250 00
" St. Domingo	@350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	12 00 @ 20 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	17 00 @ 27 00	45 00 @ 55 00
" white	@ 70 00	50 00 @ 55 00	16 00 @ 28 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	34 00 @ 40 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	15 00 @ 28 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	33 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	40 00 @ 45 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		per M. 600 00	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @150 00	85 00 @ 120 00	40 00 @ 75 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	14 00 @ 30 00	25 00 @ 40 00
Yellow pine ₱ M.	@ 45 00	40 00 @ 42 00	31 00 @ 34 00	@ 45 00

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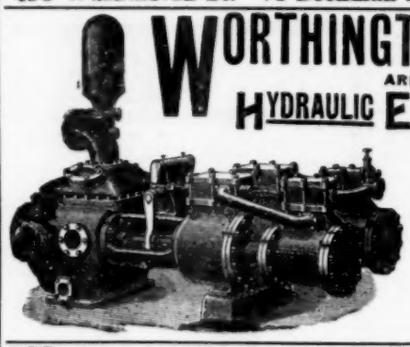

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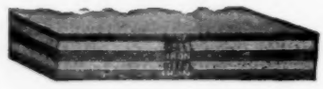

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Reported for the American Architect and Building News.

	New York. (Wholesale Prices.)	Boston. (Wholesale Prices.)	Chicago. (Prices to Builders and Contractors.)	Philadelphia. (Prices to Builders and Contractors.)
BRICK.—₱ M.				In Yard.
Common: *Cargo afloat.*				
Pale	1 75 @ 2 00	Eastern }	Building Brick	Sq. Hard @ 9 00
Jersey	4 00 @ 4 75	9 00 @ 10 00 }	@ 10 00	" @ 7 00
Long Island	@	Bay State Hard		Salmon @ 5 00
Up River	4 00 @ 4 75	7 00 @ 8 00		Sq. " @ 9 00
Haverstraw Bay 2d	4 75 @ 5 00	Domestic Com.	Indiana Pressed	Light Stretchers
" 1st	5 00 @ 5 25	9 50 @ 10 00	14 00 @ 20 00	@ 10 00
Hollow	@ 13 00	Domestic Face	St. Louis Fronts	Medium "
Fronts:		20 00 @ 22 00	@ 27 00	@ 12 00
Croton, Brown	@ 13 00	Philadelphia }		Red "
" dark	@ 14 00	40 00 @ 45 00 }		@ 13 00
" red	@ 14 00	Phila. mould }		Dark "
Chicago pressed (Anderson)		50 00 @ 80 00 }	15 00 @ 27 00	@ 13 00
" Moulded			65 00 @ 350 00	Pressed
Baltimore	37 00 @ 41 00	Anderson	@ 55 00	18 00 @ 20 00
Philadelphia	23 00 @ 24 00	14 00 @ 32 00	45 00 @ 50 00	Best Paving
Trenton	22 00 @ 23 00		45 00 @	@ 14 00
Milwaukee			25 00 @	Second "
Moulded:			60 00 @ 100 00	@ 13 00
Glens Falls Red Pressed	@ 37 00		30 @	Third "
" " Buff "	@ 30 00		35 @	@ 12 00
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00		@ 100 00	Dom. @ 65
Enamelled (edge and end)	90 00 @ 115 00		@ 120 00	@ 85
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	85 @ 95	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbe)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 80 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	1 75 @ 2 00	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 85	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 95	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 82	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ *bush*	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	21 @ 25	@ 30	30 @ 35	30 @ 35
Sand, ₱ *load*	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 95
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	₱ 75 @ 1 50
Serpentine	@	10 50 per ton	@ 1 00	Perch 4 50 @ 5 50

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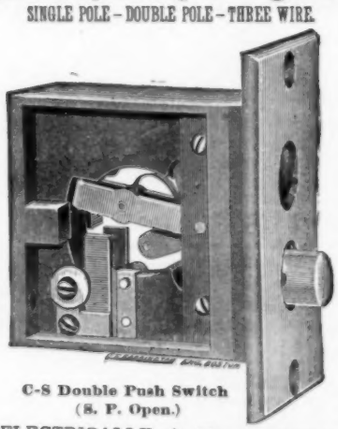

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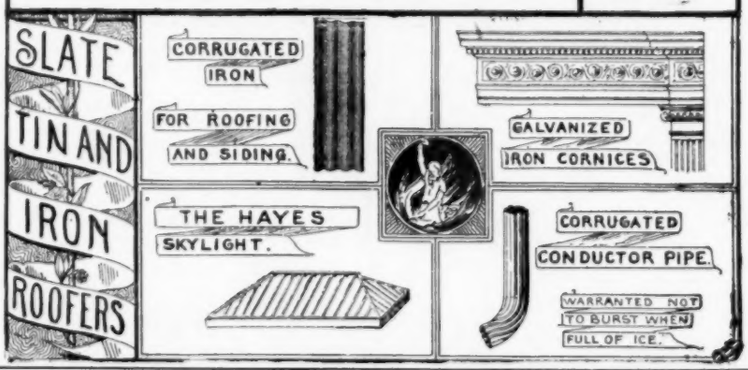

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Foundation:				
Dimension	@	5 00 ℙ ton.	20 @	@ 5 00
Block	@	4 00 ℙ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (ℙ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th. 10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 05
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℙ sub. ft.	1 05 @ 1 25
Amherst Ohio	90 @ 95	90 @ 1 00	45 @ 50	85 @ 95
Berea "	75 @ 1 00	85 @ 90	45 @ 55	55 @ 75
Berlin "	75 @ 1 00	80 @ 90	55 @ 65	85 @ 95
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 00 @ 1 10
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 05 @ 1 15
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	85 @ 1 05
Marble: (ℙ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (ℙ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	} 50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	225 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	00 @ 4 65
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ...ℙ M	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. (*In Oil* ℙ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	7 @ 7½	@ 7½
" zinc, "	5 @ 8½	@ 8	5 @ 10½	@ 7
Red lead, Am	6½ @ 7	7 @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	70 @ 5 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (ℙ *gal.*)	55 @ 62	47 @ 48	57 @ 60	@ 60
" " boiled. (ℙ *gal.*)	58 @ 65	50 @ 51	60 @ 63	@ 63
Turpentine (ℙ *gal.*)	36 @ 37	@ 36	51 @ 51	@ 44
Varnish, coach (ℙ *gal.*)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac (ℙ *gal.*)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty (*Dry.*)	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (*Dry.*)	75 @ 1 00	1 @ 1½	1 @ 1½	½ @ 1
Paris white, (Eng.) (*Dry.*)	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am (*Dry.*)	5½ @ 6	7 @ 7½	6½ @ 7	@ 7½
Sienna (burnt) (*Dry.*)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber " (*Dry.*)	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 35 @ 3 50	per keg @ 2 25
10d. common	@ 2 60	@ 2 10	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 2 35	@ 2 60
Lath	@ 4 85	@ 3 40	@ 3 25	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $2.25	per ℔ 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask
Butts: 4" x 4" (ℙ *doz. pairs.*)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish (ℙ *pair.*)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
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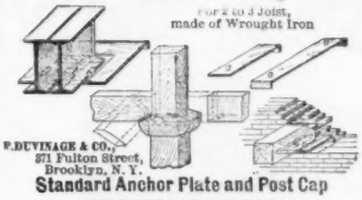

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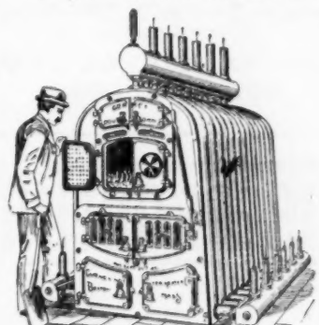

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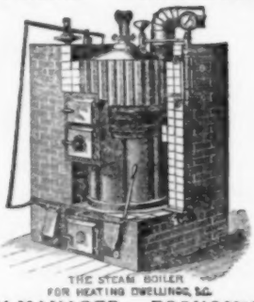

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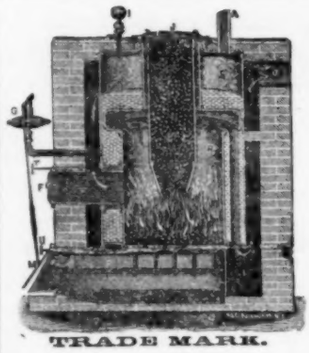

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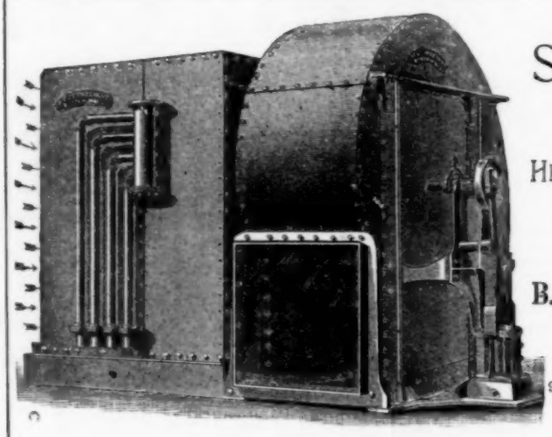

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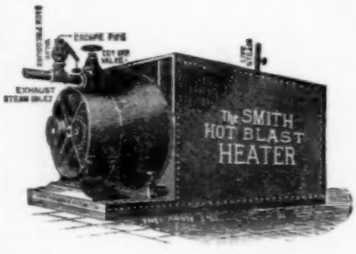

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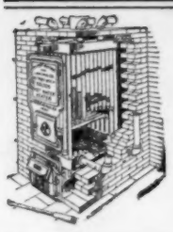

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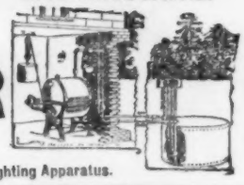

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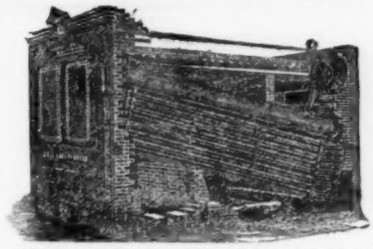

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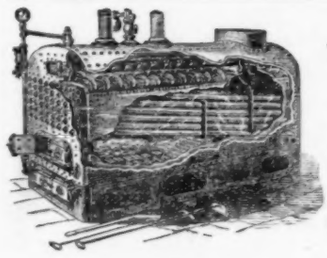

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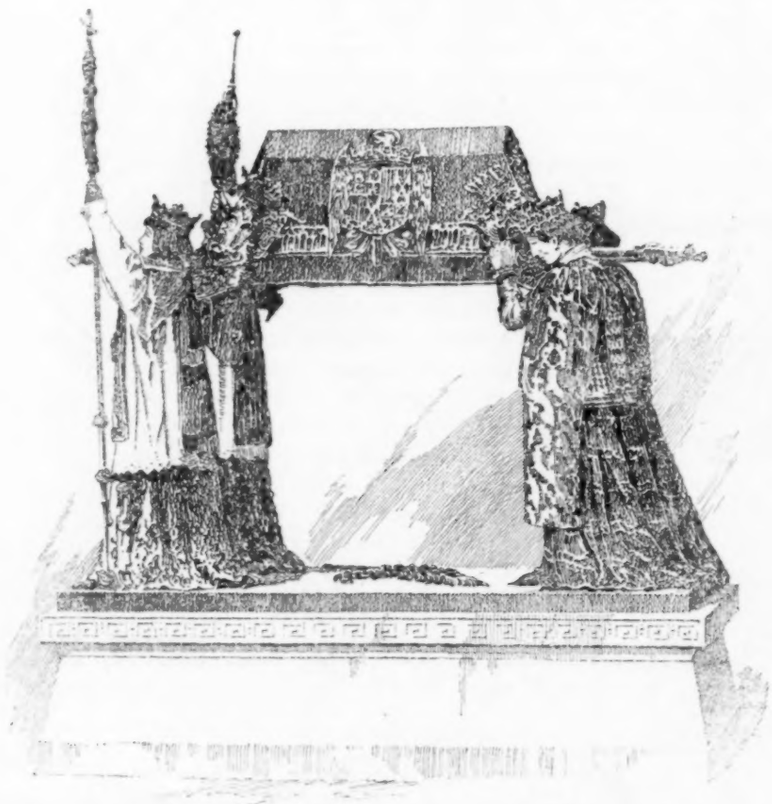

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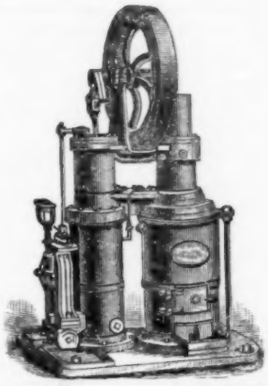

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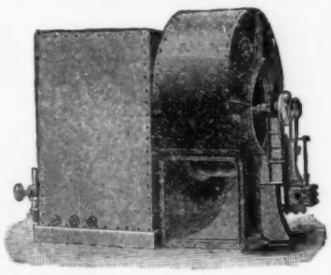

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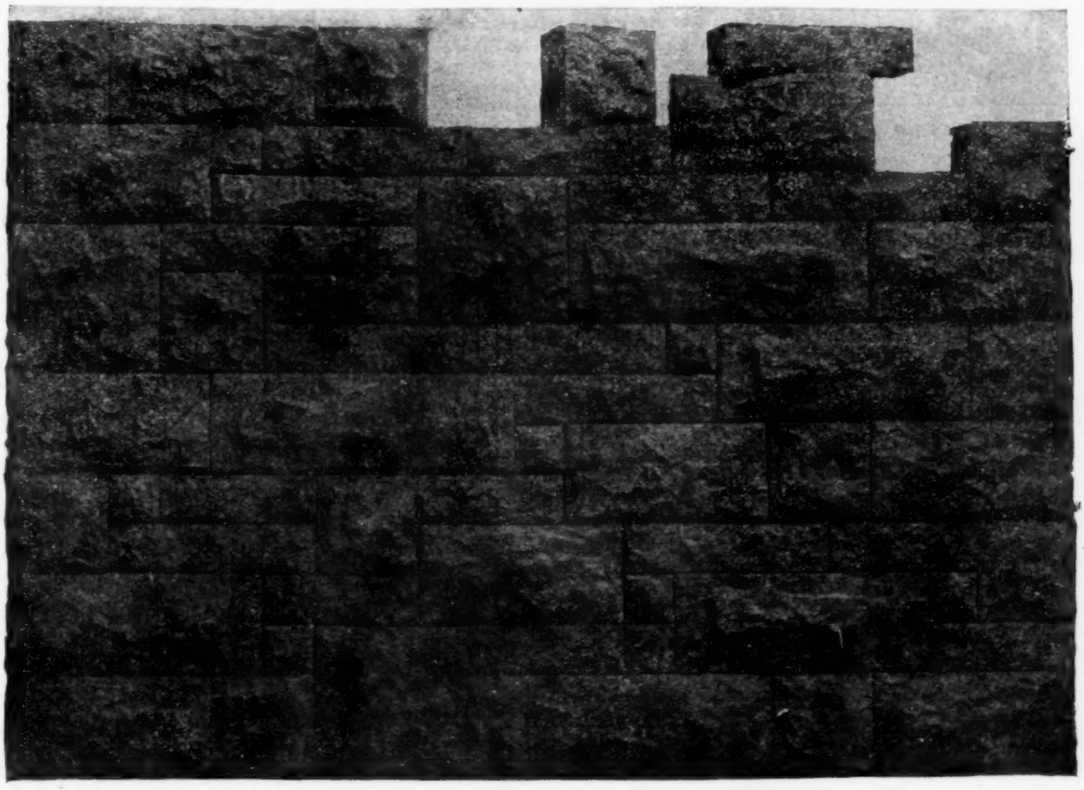

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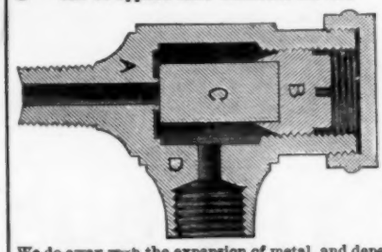

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[*This Table localizes only the main groups. For a full enumeration of advertisements see Classified Index on pages ix, xxv, and xxvi.*]

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New Advertisements.

BALTIMORE ROOFING TILE CO. (Baltimore, Md.), Roofing Tile. Page vi.
SMITH & ANTHONY STOVE CO. (Boston, Mass.), Sanitary Appliances. Page 2, Cover.
THE ENGINEERING RECORD (New York, N. Y.), Books and Journals. Page xx.

WANTED.

POSITION. — A practical architectural draughtsman, constructor and superintendent, with thirteen years' experience and best Boston references, and who is capable of taking charge of office or large work, would like an engagement in Boston or vicinity. Address "J. T. G.," 1107 Washington Street, Dorchester, Mass. 885

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WANTED.

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ARCHITECTS' REMOVALS.

A. W. PEENE has opened an office in Wentworth Chambers, Hamilton, Ontario, Canada. 886

F. E. KIDDER has removed his offices from the Barth Block to 1362 California Street, Denver, Col. 886

LAUNDRY "ANKD" MACHINERY.

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ARCHITECTS' REMOVALS.

C. M. BARTBERGER has formed a copartnership, under the name of Bartberger & East, and removed to the Westinghouse Building, Pittsburgh, Pa. 886

W. M. POINDEXTER has removed to 1320 F Street, N. W., Washington, D. C. 886

CARPENTER & PEEBLES have opened an office at 104 Main St., Norfolk, Va. 885

DUVAL & FAVROT have dissolved partnership and the business will be continued by Southron R. Duval, at 71 Baronne St., New Orleans. 885

ANGUS S. WADE has removed to the Hale Building, corner of Juniper and Chestnut Streets Philadelphia. 885

JOHN CARL has opened an office at 60 West Twenty-second Street, New York City, and desires catalogues and samples of building supplies. 885

AMOS J. BOYDEN and James Knox Taylor are now associated in the practice of architecture under the firm name of Boyden & Taylor, at 413 Walnut St., Philadelphia, Pa. 885

PATRICK A. TRACY will open an office at Stoughton Building, 14 State Street, Boston, on November 21st. 885

A. L. HUSBANDS has opened an office in Cookshire, P. Q., Canada, and desires catalogues and samples from dealers in building supplies. 885

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[*Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.*]

486,425. Fastener for the Meeting-Rails of Sashes.—Martin Bourke, Youngstown, Ohio.

486,428. Catch-Basin Water-Closet. — Henry C. Buddenberg, Cincinnati, Ohio.

486,443. Manufacture of Artificial Stone.—Louis Enricht, Chicago, Ill.

486,444. Manufacture of Cement. — Louis Enricht, Chicago, Ill.

486,445–449. Manufacture of Artificial Stone. —Louis Enricht, Chicago, Ill.

486,450. Manufacture of Cement. — Louis Enricht, Chicago, Ill.

486,467. Steam-Generator. — Werter C. Higgins, Norwich, Conn.

486,480. Radiator. — William E. Landon, Philipsburg, Pa.

486,518. Safety Attachment for Elevators. William J. White, Cleveland, Ohio.

486,553. Beam-Compass. — James E. Betts, Wilmington, Ohio.

486,590. Process of Producing Inlaid Work on Stones. — Rudolph Rausch, Vienna, Austria-Hungary.

486,635. Apparatus for Manufacturing Tin-Plate.—Daniel Edwards, Morriston, England.

486,681. Speaking-Tube.—Charles L. Peirce, Milwaukee, Wis.

486,699. Instrument for Drawing Geometrical Curves.—Charles L. Davis, New York, N. Y.

486,706. Artificial Portland Cement. — Carl von Forell, Brunswick, Germany.

486,707. Artificial Roman Cement. — Carl von Forell, Brunswick, Germany.

486,709. Elevator. — Charles W. Fowler, Baltimore, Md.

Imports of Building Materials, Etc.,

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From Amsterdam. — Steamer "*P. Caland*," 43 casks asphaltum, R. Butcher.

From Antwerp. — Steamer "*Westernland*," 11 girders, Brown Bros. & Co.; 12,003 cakes asphalt, Robert Butcher; 1,805 barrels cement, order.

From Aquin. — Steamer "*Claribel*," 3 tons mahogany, Hugo Kainer & Co.

From Bremen. — Bark "*Cuba*," 504 casks cement, Baetjer & Meyerstein; 400 packages asphalt, Chas. W. Saacke; 2,000 barrels cement, order.

From Colon. — Steamer "*Newport*," 22 logs mahogany, Eggers & Heinlein.

From Dundee. — Steamer "*Principia*," 8 cases granite, John J. O'Neil.

From Glasgow. — Steamer "*Coreas*," 23 cases granite, Davidson & Son; 70 do., Austin, Baldwin & Co.; 12 do., R. F. Downing & Co.; 63 barrels enamelled bricks, C. R. Weeks & Bros.; 7 blocks stone, G. P. Sherwood; 13 cases granite, Austin, Baldwin & Co. Steamer "*Norwegian*," 309 cases granite, Austin, Baldwin & Co.; 4 do., W. King; 19 blocks stones, G. P. Sherwood; 90 barrels enamelled bricks, C. R. Weeks & Bro.

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E. Thiele.
A. B. & W. T. Westervelt.

IMPORTS OF BUILDING MATERIALS, Etc.

From Hamburg. — Steamer "*Rhætia*," 500 casks cement, Gabriel & Schall.

From Liverpool. — Steamer "*Umbria*," 7 logs hard wood, order. Steamer "*St. Ronans*," 12,000 fire-bricks, order. Steamer "*Britannia*," 155 casks bricks, Brown Bros. & Co.

From London. — Steamer "*Mariposa*," 900 casks cement, C. J. Stevens. Steamer "*Tower Hill*," 750 casks cement, C. J. Stevens; 650 do., Bank of British North America; 630 do., E. Thiele. Steamer "*Spain*," 400 casks cement, C. J. Stevens. Steamer "*Massachusetts*," 5 casks cement, Francklyn & Ferguson; 1,000 do., Baring Bros. & Co; 2 pieces granite, order.

From Rotterdam. — Steamer "*Bernicia*," 311 casks cement, E. Thiele; 1,100 barrels do., order. Steamer "*Obdam*," 124 iron girders, Brown Bros. & Co.; 1,000 casks cement, E. Thiele.

From Stettin. — Steamer "*Gothia*," 7,074 fire-bricks, 160 bags fire-cement, H. Marquardt; 1,000 barrels cement, order.

From Swansea. — Steamer "*Gessa*," 15,000 Dina's fire-bricks, Hammill & Gillespie.

From Tampico. — Steamer "*Yucatan*," 110 barrels asphaltum, J. W. Wilson & Co.

From Trinidad. — Steamer "*Arecuna*," 1,200 tons asphaltum, order.

From Windsor, N. S. — Schooner "*Gypsum Empire*," 1,174 tons plaster rock, J. F. Whitney & Co. Bark "*St. Croix*," 1,190 tons plaster, J. F. Whitney & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Brooklyn, N. Y. — *Washington St., Nos.* 284-290, four-st'y brick store and hotel, tin roof, internal alterations; cost, $5,000; owner, Newman Estate, 176 Washington St.; architect, J. G. Glover 186 Remsen St.; builder, C. Dietrich, 27 Boerum Pl.

New Lots Road, n e cor. Schenck Ave., one-st'y brick school-house, tin roof, two-st'y brick extension, tin roof, and other alterations; cost, $10,000; owner, Board of Education, 131 Livingston St.; architect, J. M. Naughton, 131 Livingston St.

(*Continued on page* xvii.)

FACTS ABOUT HARD OIL FINISH.

THE SCHOOL OF EXPERIENCE.

It is rightly said that experience is a stern teacher. It is moreover rarely acquired gratis, for, as the old saying goes, "Experience is more often bought than taught," the price paid varying according to circumstances and the peculiar kind of experience acquired.

Speaking of Varnish, experience is apt to come high to all except the careful and thoughtful consumer, although there is really no need now-a-days for Varnish experience to cost the consumer anything, if he will simply exercise ordinary discretion in buying his Varnish.

Among the costly experiences to the varnish consumer, none is apt to be more so than the use of a poor or unsuitable varnish for interior finishing purposes. An experience of this kind is far reaching in its effects, not only injuring every one actively concerned, from the Architect who specified it, to the Finisher who applied it, but inflicting an injury on the owner too, who is not supposed to know anything about varnish, but trusted to his Architect to see that the proper material was specified.

There are reliable varnishes for all purposes,—interior finishing included,—and if called for in the specifications, clients would often be spared much worry and expense.

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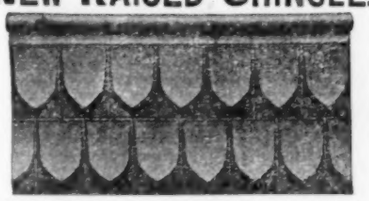

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BUILDING INTELLIGENCE.

Bedford Ave., n e cor. Herkimer St., four-st'y brick store and dwell., tin roof, raised one story, five-st'y brick extension, tin roof, and internal and other alterations; cost, $10,000; owner, George H. Conklin, 140 Franklin St., Greenpoint, L. I.; architect, Joseph H. Taft, 33 East Twentieth St., New York City.

Boerum St., n s, 275' e Bushwick Ave., two-st'y frame dwell., tin roof, raised one story; cost, $3,000; owner, Mr. Wexler, 243 Boerum St.; architect, Hugo Smith, 10 Moore St.

Atlantic Ave., Nos. 351-353, 2 three-st'y brick dwells., tin roofs, two-st'y brick extension, tin roof, internal and other alterations; cost, $9,000; owner, Brooklyn Turnverein, on premises; architect, C. F. Eisenach, 59 Broadway.

Atmore St., No. 1341, three-st'y brick dwell.; builder, H. C. Zingarf, 2253 Mutter St.

Twenty-first St., s s, n Kittenhouse St., three-st'y brick dwell.; builders, Porte & Thompson, 2037 Filbert St.

Twenty-fourth St., e s, n Fairmount Ave., 6 three-st'y brick dwells.; builder, Thos. Johnston, 2037 Lingo St.

Arizona St., n s, w Ninth St., 2 two-st'y brick dwells.; builder, Chas. C. Patterson, 1227 West Seargent St.

York St., s s, w Twelfth St., 6 three-st'y brick dwells.; owner, Jos. Murphy, 1633 South Twenty-first St.

North Eighteenth St., No. 1705, two-st'y brick dwell.; builder, J. S. Connell & Son, 1919 Woodstock St.

Winton St., n s, and *Cantrell St.*, s s, w Eleventh St., 24 two-st'y brick dwells.; owner, J. Crawford, 3024 South Sixteenth St.

Harmony St., e and w s, *Thirty-fifth St.*, w s, s Gray's Ferry Ave., 18 two-st'y brick dwells.; owner, Michael O'Brien, 728 South Nineteenth St.

Second St., e s, s Mifflin St., two-st'y brick dwell.; owner, Asa Hurlack, 156 McKean St.

Viola St., s s, w Forty-third St., 14 two-st'y brick dwells.; builder, A. Overturf, 1917 Oxford St.

Lancaster Ave., w s, e Fifty-sixth St., 10 two-st'y brick dwells.; owner, Geo. W. Sherman, 3050 Clifford St.

Florence Ave., n s, w Fiftieth St., 2 two-st'y brick dwells.; builder, Thos. C. Sloan, 51 North Fortieth St.

Sixty-sixth Ave., No. 604, three-st'y brick dwell.; builder, R. J. Kirby, 339 South Fifteenth St.

Frankford Ave., e s, s Allegheny Ave., three-st'y brick dwell.; builder, Frank Deitrich, 2677 Frankford Ave.

Leamy St., n w cor. Cambria St., 11 two-st'y brick dwells.; owner, Jacob Marsch, Fifth St. and Rising Sun Lane.

Leamy St., w s, n Indiana Ave., 8 two-st'y brick dwells.; owner, Jacob Marsch, Fifth St. and Rising Sun Lane.

Weikel St., w s, n Venango St., 3 two-st'y brick dwells.; owner, Theo. Brown, Janney St., above Venango St.

Kipp St., e s, s Indiana Ave., 6 two-st'y brick dwells.; owner, Chas. Bateson, 4631 Lancaster Ave.

Crease St., w s, s Wildey St., 2 two-st'y brick dwells.; builder, Geo. Mitchell, 1768 Frankford Ave.

Camden, N. J. — *Carter's Alley*, alteration to frame stable; owner, F. P. Middleton.

South Tenth St., No. 1818, addition to frame building; owner, Wm. Furgeson.

Cooper St., No. 116, addition to dwell.; owner, Jno. C. Rodgers.

Walnut and Second Sts., addition to iron building; owner, H. D. Hall.

Pearl St., Nos. 318-320, alteration to two dwells.; owner, L. W. Veazey.

Chicago, Ill. — Scridner & King, one-st'y addition, 224-226 Ashland Boulevard; cost, $3,000.

Chicago, Burlington & Quincy R. R., one-st'y addition to freight-house, Polk and Canal Sts.; cost, $10,000.

E. J. Quinlan, three-st'y front addition, 3019 Michigan Ave.; cost, $8,000.

Julia Sagen, two-st'y front addition, 740 Sedgwick St.; cost, $3,000.

N. K. Fairbank & Co., one-st'y addition, 1829-1837 Grove St.; cost, $15,000.

Thomas Hall, addition, 680-683 North Wells St.; cost, $10,000.

J. W. Harpold, two-st'y addition, 1311-1313 Lill Ave.; cost, $5,000.

George Seaverns, one-st'y addition and elevator, 334-340 Grove St.; cost, $25,000.

A. Weamer, four-st'y front addition, 665 Clybourne Ave.; cost, $4,000.

A. B. Fiedler, three-st'y addition, 634-640 North Ave.; cost, $6,000.

New York, N. Y. — *Fifty-second St., No.* 6, four-st'y brick dwell., extension and internal alterations; cost, $5,000; owner, F. H. Benedict, 6 West Fifty-second St.; architect, S. A. Truman, 6 West Fifty-second St.

Fifty-third St., Nos. 235-237, three-st'y brick dwell., extension and internal alterations; cost, $5,000; owner, Wm. G. Robinson, One Hundred and Eighth St. and Girard Ave.; architect, J. E. Terhune, 47 Liberty St.

East Fifty-fifth St., No. 29, five-st'y brick dwell., extension and internal alterations; cost, $5,500; owner, Frederick J. Nott, 29 East Fifty-fifth St.; architect, William B. Tuthill, 52 Broadway.

East Forty-ninth St., No. 49, four-st'y brick dwell., raised one story, with extension and internal alterations; cost, $10,000; owner, Thomas M. Markoe, M. D., 20 West Thirtieth St.; architect, H. H. Robertson, 160 Fifth Ave.

East Twenty-first St., No. 117, four-st'y brick dwell., internal alterations; cost, $9,000; owner, Mrs. Sarah C. Fulton, Rye, N. Y.; architects, D. & J. Jardine, 1262 Broadway.

Fifth Ave., w s, Fifty-seventh to Fifty-eighth St., four-st'y brick dwell., internal alterations; cost, $5,000; owner, C. Vanderbilt, 1 West Fifty-seventh St.; architect, George B. Post, 33 East Seventeenth St.

Gold St., Nos. 33-41, six-st'y brick factory, internal alterations; cost, $3,000; owners, Excelsior Steam Power Co., 33-43 Gold St.; architect, A. Faber du Faur, 132 Nassau St.

First Ave., No. 658, six-st'y brick factory, internal alterations; cost, $4,000; owner, Patrick Skelly, 51

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BUILDING INTELLIGENCE.

West Sixteenth St.; architects, Lederle & Co., 15 Whitehall St.

Point Allerton, Mass. — Alterations to cottage; cost, about $3,000; owner, S. Barnard; contract to be let; architect, Charles J. Bateman, Boston.

St. Louis, Mo.—Three-st'y brick addition to factory; owners, Lungstrass Dye and Cleaning Co.; contractors, Bothe & Raterman.

Winthrop, Mass. — Additions and alterations to Colonial Hotel, 32' x 48', three stories; owner, Chas. P. Flagg; contract to be let; architect, Willard M. Bacon, Boston.

Worcester, Mass. — *Quinsigamond Ave.*, three-st'y brick addition to brewery; owners, Bowler Bros.; contractor, J. H. Pickford; architects, Barker & Nourse.

APARTMENT-HOUSES.

Brooklyn, N. Y. — *Eastern Parkway*, s s, 21' e Crystal St., three-st'y frame flat, tin roof; cost, $4,500; owner and architect, M. F. Walsh, 74 Rockaway Ave.

Chicago, Ill. — H. Pickert, two-st'y flats, 2942 Wallace St.; cost, $3,300.

August Haake, two-st'y flats, 1319 Montana St.; cost, $7,000.

J. J. McLellan, 2 three-st'y flats, 321-323 Sixty-sixth Pl.; cost, $20,000.

Edward Wisdon, 2 three-st'y flats, 299-241 Sixty-sixth Pl.; cost, $20,000.

William Finn, two-st'y flats, 6313 Farwell Ave.; cost, $3,000.

A. Schook, 2 three-st'y flats, 700-702 South California Ave.; cost, $12,500.

August Reitz, 4 three-st'y flats, 11-17 Sheldon St.; cost, $15,000.

E. D. Seaton, six-st'y flats, 465 Dearborn St.; cost, $15,000.

W. H. & J. S. Bunton, 7 four-st'y flats, 314-324 Sixty-first Pl.; cost, $90,000.

B. W. Keeler, 2 three-st'y flats, 436-438 Sixty-second St.; cost, $15,000.

J. M. Meiel, 2 three-st'y flats, 4547-4549 Prairie Ave.; cost, $16,000.

Solomon Loel, three-st'y flats and barn, 632-634 Blue Island Ave.; cost, $15,000.

William Holmes, two-st'y flats, 932 Fifty-fourth St.; cost, $3,000.

James McFarland, 2 two-st'y flats, 824-826 Gunn St.; cost, $5,000.

Charles Broth, three-st'y flats, 15 North California Ave.; cost, $6,000.

Miss Emma McCarthy, three-st'y flats, 5217 Wabash Ave.; cost, $10,000.

Ella and Emma Stahl, 2 two-st'y flats, 6526-6528 Ellis Ave.; cost, $7,500.

John Stevenson, 2 three-st'y flats, 6440-6442 Ogiesby Ave.; cost, $16,000.

Charles Tenner, three-st'y flats, 183 Bissell St.; cost, $8 500.

J. N. Earle, two-st'y flats, 7020 Laurence St.; cost, $3,000.

R. Johnson, two-st'y flats, 6216 Drexel Boulevard; cost, $3,000.

James Linden, 2 four-st'y flats, 5488-5490 East End Ave.; cost, $35,000.

L. L. Burnham, three-st'y flats, Sheridan Ave. and Sixty-fifth St.; cost, $20,000.

John J. Shutterly, 6 three-st'y flats, 4013-4023 Woodlawn Ave.; cost, $50,000.

F. R. Woodruff, 4 three-st'y flats and barn, 4811-4817 Champlain Ave.; cost, $60,000.

F. L. Wein, eight-st'y flats, 4255-4257 Grand Boulevard; cost, $70,000.

Mary Powers, two-st'y flats, 4102 Wabash Ave.; cost, $3,500.

William Taylor, three-st'y flats, 5656 Emerald Ave.; cost, $5,000.

Carrie Edgar, two-st'y flats, 363 Linden St.; cost, $25,000.

F. S. Schmidt, three-st'y flats, 453 Hermitage Ave.; cost, $4,500.

F. W. Larucken, two-st'y flats, 6010 Union St.; cost, $4,500.

Andrew Smith, 2 four-st'y flats, 5709-5713 Marion Ave.; cost, $60,000.

W. Jacobs, three-st'y flats, 803 Turner Ave.; cost, $9,000.

James Crower, two-st'y flats, 26 Coulter St.; cost, $4,000.

James Stafford, 2 three-st'y flats, 6320-6322 Drexel Boulevard; cost, $8,000.

Charles Bussie, 2 three-st'y flats, 6224-6226 Ogiesby Ave.; cost, $15,000.

George Barry, two-st'y flats, 878 Walnut St.; cost, $4,500.

Peter Brucks, three-st'y flats, 1004 Twenty-second St.; cost, $5,000.

Ed. Julius, three-st'y flats, 355 South May St.; cost, $5,500.

Paul Frannd, three-st'y flats, 140 Bissell St.; cost, $7,000.

Francis Hame, 2 two-st'y flats, 994-996 West Monroe St.; cost, $6,500.

H. J. Hoffman, two-st'y flat and barn, Evanston and Webster Aves.; cost, $6,000.

Carl A. Lathqueen, 2 two-st'y flats, 833-835 Edgecomb St.; cost, $4,000.

A. C. Custer, two-st'y flats, 6317 Aberdeen St.; cost, $3,200.

C. N. Waite, four-st'y flats and hall, 6050-6052 Ogiesby Ave.; cost, $20,000.

C. Bradley, two-st'y flats, 1304 Fulton St.; cost, $6,000.

S. H. Case, 4 two-st'y flats, 1299-1305 West Congress St.; cost, $7,000.

Henry Geiland, three-st'y flats, 7818 Escanaba Ave.; cost, $3,500.

C. Randel, 6 four-st'y flats, 216-228 Fortieth St.; cost, $40,000.

William Knesso, two-st'y flats, 428 North Hoyne Ave.; cost, $3,000.

Capt. Beckwith, three-st'y flats, 52 South Hoyne Ave.; cost, $5,000.

O. F. Persons, three-st'y flats, 197 South Hoyne Ave.; cost, $10,000.

William Stedman, two-st'y flats, 1274 Monroe St.; cost, $4,500.

Dan McCleland, three-st'y flats, 9 North Morgan St.; cost $5,000.

Samuel Dempsey, 2 three-st'y flats, 222 Hermitage Ave.; cost, $16,000.

William Smillie, three-st'y flats, 351 Ninety-first St.; cost, $3,500.

O. P. Curran, 5 four-st'y flats, 4056-4064 Michigan Ave.; cost, $100,000.

G. E. Jennings, three-st'y flats, 5335 Monroe Ave.; cost, $8,000.

Charles J. Bom, 2 three-st'y flats, 6223 Sheridan Ave.; cost, $12,000.

Mary A. De Tample, 2 four-st'y flats, 5830-5832 Washington Ave.; cost, $20,000.

L. M. Gann, 2 two-st'y flats, 5537-5539 Jackson Ave.; cost, $11,000.

Alex. Peterson, two-st'y flats, 1860 Reta St.; cost, $3,500.

George Holingreen, 2 two-st'y flats, 731-733 West Forty-third St.; cost, $3,000.

Anton Dorsch, two-st'y flats, 188 North Paulina St.; cost, $5,400.

R. E. Lidster, 2 two-st'y flats, 313-315 Sixty-first St.; cost, $11,000.

William Hammills, three-st'y flats, 5763 Madison St.; cost, $20,000.

J. Whitson, two-st'y flats, 6030 Wharton St.; cost, $5,500.

Charles Raulson, two-st'y flats, 430 Sheffield Ave.; cost, $3,500.

Walter & Johnson, 2 three-st'y flats, 558-560 Kenwood Pl.; cost, $15,000.

Robert Johns, 2 two-st'y flats, 6349-6351 Ellis Ave.; cost, $8,000.

George Morgan, 2 two-st'y flats, 7602-7604 Carlin St.; cost, $4,400.

M. A. Moran, two-st'y flats, 6633 Drexel Boulevard; cost, $4,000.

Mary Aller, three-st'y flats, 413 Twenty-fifth St.; cost, $3,500.

W. A. Bond & Co., 5 two-st'y flats, 2953-2967 and 3001-3003 Butler St.; cost, $14,500.

R. W. Thomas, two-st'y flats, 829 West Polk St.; cost, $8,000.

H. P. Nelson, four-st'y flats, 5423-5431 Cottage Grove Ave.; cost, $45,000.

C. F. Dippold, three-st'y flats, 5321 Jackson Ave.; cost, $8,500.

D. E. Nye, 3 two-st'y flats, 5724-5726 Drexel Boulevard; cost, $20,000.

Charles Buntoon, three-st'y flats, 4833 Langley Ave.; cost, $6,000.

Richard Fitzgerald, two-st'y flats, 4720 Wabash Ave.; cost, $5,000.

Harris & McGinsell, three-st'y flats, 4023 Vincennes Ave.; cost, $10,000.

Frank Sargot, two-st'y flats, 708 Dickson St.; cost, $3,000.

Annie Stanek, three-st'y flats, 434 Washbourne Ave.; cost, $4,500.

John W. Garney, three-st'y flats, 56 Lyle St.; cost, $4,000.

F. W. Thomas, three-st'y flats, 46 Seminary Ave.; cost, $4,500.

Sam Brown, Jr., 2 two-st'y flats, 695-697 Leland Ave.; cost, $6,000.

Nellie Walsh, three-st'y flats, 440 South Wood St.; cost, $9,000.

Minnie Noeltie, three-st'y flats, 555 North Robey St.; cost, $7,500.

F. A. Knipschill, 2 three-st'y flats, 460-462 Dayton St.; cost, $20,000.

C. Kemp, four-st'y flats, 4224 Indiana Ave.; cost, $14,000.

Judson A. Nolman, 4 three-st'y and 3 four-st'y flats, s w cor. Michigan Ave. and Fifty-eighth St.; cost, $80,000.

William Sigler, 3 two-st'y flats, 6217-6223 Loomis St.; cost, $7,500.

J. H. Bender, three-st'y flats, 1355 Harvard St.; cost, $6,000.

William Murphy, three-st'y flats, 385 Robey St.; cost, $4,700.

Joseph Dudick, two-st'y flats, 1025 Dudley St.; cost, $5,000.

William Lowry, four-st'y flats, 276 Superior St.; cost, $14,000.

Dr. M. Schycker, three-st'y flats, 4625 Evans Ave.; cost, $9,000.

John Thompson, 2 three-st'y flats, 569-571 Kenwood Pl.; cost, $15,000.

K. Kotelmon, two-st'y flats, 1014 Ravenswood Pl.; cost, $5,000.

H. Vermillian, 2 two-st'y flats, 6357-6359 Laurence Ave.; cost, $5,000.

C. G. Holton, 2 two-st'y flats, 6137 Woodlawn Ave.; cost, $16,400.

Nytive & Ganger, 3 three-st'y flats, 6461-6463 Myrtle Ave.; cost, $38,000.

F. N. Kuhn, 3 two-st'y flats, 7708-7712 Brook Ave.; cost, $9,600.

James Holt, two-st'y flats, 1462 Park Ave.; cost, $3,000.

E. Hutch, three-st'y flats, 1525 West Monroe St.; cost, $9,500.

New York, N. Y.— *One Hundred and Thirty-seventh St.*, s s, 375' e Willis Ave., 4 five-st'y brick flats, tin

roofs; cost, $76,000; owner, Elizabeth Willwood, Williamsbridge, N. Y.

One Hundred and Thirty-fourth St., s s, 75′ e Seventh Ave., 4 five-st'y brick flats, tin roofs; cost, $72,000; owner, Wm. H. Hall, Jr., 227 Lenox Ave.; architects, Neville & Bagge, 250 West One Hundred and Twenty-fifth St.

One Hundred and Tenth St., s s, 75′ w Second Ave., five-st'y brick flat, tin roof; cost, $16,000; owner, August Jacob, 260 East Seventy-eighth St.; architect, John Hauser, 1441 Third Ave.

Madison Ave., n w cor. Eighty-seventh St., eight-st'y brick flat, tin roof; cost, $150,000; owners, Higgins & King, 307 East Eighty-seventh St.; architect, Henry Anderson, 1180 Broadway.

Rivington St., s e cor. Allen St., six-st'y brick flat, tin roof; cost, $54,000; owner, Frank Herter, 191 Broadway; architects, Herter Bros., 191 Broadway.

Allen St., Nos. 170-172, 2 five-st'y brick flats, tin roofs; cost, $20,000; owners and architects, Sevestre & Cusack, 61 East One Hundred and Twenty-fifth St.

Essex St., Nos. 115-117, six-st'y brick flat, tin roof; cost, $46,000; owner, Mark Ash, 235 Broadway; architects, Schneider & Herter, 48 Bible House.

Fifty-first St., No. 338, five-st'y brick flat, tin roof; cost, $22,000; owner, Patrick Costello, 336 West Fifty-first St.; architect, James W. Cole, 403 West Fifty-first St.

Delancy St., No. 306, five-st'y brick flat, tin roof; cost, $22,000; owners, Fay & Stacom, 337 Pleasant Ave.; architect, Charles Rentz, 153 Fourth Ave.

Amsterdam Ave, s e cor. Seventy-seventh St., five-st'y brick flat, tin roof; cost, $30,000; owner, George Ress Dunn, 157 West Twenty-third St.; architect, George Keister, 146 West Thirty-fourth St.

Sixty-fifth St., s s, 180′ w Eighth Ave., five-st'y brick flat, tin roof; cost, $19,000; owners, McDowell Bros., 2305 Eighth St.; architect, John C. Burne, 101 West Forty-second St.

Ridge St., s w cor. Stanton St., six-st'y brick flat, tin roof; cost, $48,000; owners, Harris Cohen & Bro., 6 Baxter St.; architect, Charles Rentz, 153 Fourth Ave.

Amsterdam Ave., e s, 49′ s One Hundred and Forty-ninth St., 2 five-st'y brick flats, tin roofs; cost, $28,000; owners, Jacob Vix & Son, 458 West One Hundred and Fiftieth St.; architect, George H. Griebel, 247 West One Hundred and Twenty fifth St.

Worcester, Mass. — *Herdsleigh St.*, four-st'y brick apartment block; owner, Mrs. J. C. Cutter; contract not let; architects, Earle & Fisher.

CHURCHES.

Baltimore, Md.—The members of the Presbyterian Church of the Covenant will build brick church, n e cor. Stricker and Hollins Sts.

Bedford City, Va. — The Episcopalians will build a church, to cost about $8,000.

Boston, Mass. — *Blue Hill Ave.*, stone and frame church, 40′ x 80′, for the Reformed Episcopal Society; contract to be let; architect, Willard M. Bacon.

Montreal, Can. — *Montreal Junction*, Methodist church; architect, James Amess, 18 Hermine St.

Roslindale, Mass. — Stone church, 36′ x 58′, for the Roslindale Unitarian Society; contract to be let; architect, Edwin J. Lewis, Jr., Boston.

Taunton, Mass.—Stone church, Gothic style, brownstone trimmings, 80′ x 140′, for Congregational Church; contract to be let; architect, J. Merrill Brown, Boston.

Worcester, Mass. — *Alvardo Ave.*, frame chapel; cost, $4,000; owner, City Mission; architect, A. P. Cutting; contractors, Ward & Blanding.

Park Ave., frame chapel; owner, M. E. City Mission; architect, A. P. Cutting; contractor, L. T. Houghton.

FACTORIES.

Baltimore, Md.—Wm. H. King will build three-st'y stone and brick wood-working factory, s e cor. Cathedral and Preston Sts.

Boston, Mass. — *A St.*, cor. unnamed st., Ward 13, six-st'y brick factory, flat roof, 21.10′ x 62′; owner, S. B. Wormwood.

Brooklyn, N. Y. — *Stewart Ave.*, s e cor. Montrose Ave., one-st'y brick factory, gravel roof; cost, $6,000; owner, A. E. Turney; builder, Geo. F. Chapman, Lexington Ave. and Broadway.

Chicago, Ill. — William Hafner, four-st'y factory, 2620-2622 Dearborn St ; cost, $30,000.

Cincinnati, O.— Christian Moerlin Brew. Co., three-st'y brick and stone ice-factory, Pleasant St.; cost, $6,000; architect, John W. Frank.

Warner Elevator Co., owners and architects, two-st'y brick and stone factory, Spring Grove Ave.; cost, $3,600.

Montreal, Can. — *St. Patrick St.*, varnish factory; owner, James Leggat; architect, A. C. Hutchison, 181 St. James St.

New York, N. Y. — *Allen St.*, s e cor. Stanton St. six st'y brick factory, tin roof; cost, $16,000; owner, Lewis Z. Bush, 117 East Eighty-first St.; architects, Thom & Wilson, 1267 Broadway.

Prince St., s e cor. Wooster St., two st'y brick factory, tin roof; cost, $5,000; owner, James H. Sillocks, 361 West Thirtieth St.; architect, Fred S. Schiesinger, Amsterdam Ave., cor. One Hundred and Sixty-seventh St.

Thirty-seventh St., s e cor., four-st'y brick factory, tin roof; cost, $28,000; owners, Feeney & Devanne, 175 East Sixty-fourth St.; architects, French, Dixon & De Soldern, Bowery and Fifty-seventh St.

Rider Ave., w s, 503′ s One Hundred and Forty-fourth St., three-st'y brick factory, gravel roof; cost, $6,000; owner, Roger Portier, 336 West Fifty-fifth St.; architect, Henry Davidson, 130 West One Hundred and Twenty-third St.

St. Louis, Mo. — Three-st'y brick factory; cost, $8,000; owner, Logeman Chair Co.; contract, sub-let.

Worcester, Mass. — *Park Ave.*, two-st'y brick factory; owners, Coates Clipper Co.; contractors, G. S. & H. G. Hadley; architects, Barker & Nourse.

HOSPITALS.

Baltimore, Md.— A $50,000 hospital will be built by the Woman's Auxiliary of the Baltimore Homœopathic College.

New York, N. Y. — *East Sixteenth St.*, n s, 209′ 6″ e Avenue D, 2 one-st'y brick hospitals, brick roofs; cost, $48,000; owner, New York City Board of Health, 301 Mott St.; architects, Jackson & Warner, 132 Broadway.

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BUILDING INTELLIGENCE.

Providence, R. I. — *Lexington Ave.*, s s, two-and-one-half-st'y frame hospital; cost, $8,000; owner, St. Elizabeth's Home; architect, E. I. Nickerson; builders, Tillinghast & Allwood.

HOTELS.

Chicago, Ill. — H. R. Brooks, 2 three-st'y hotels, 6531-6559 Champlain Ave.; cost, $20,000.

Lewis & Wilson, three-st'y hotel, 6910 Avenue B; cost, $3,000.

The Physical Publishing Co., five-st'y hotel, 6050-6052 Oglesby Ave.; cost, $40,000.

W. L. Ross, two-st'y hotel, 7569-7575 Coles Ave.; cost, $6,000.

Hans Mattson, four-st'y hotel, s w cor. Seventy-third St. and Stony Island Ave.; cost, $25,000.

Foster Chaffery, three-st'y hotel, 700 Sixty-ninth St.; cost, $7,000.

W. Spencer, four-st'y hotel, s w cor. Sixty-ninth St. and Adams Ave.; cost, $6,000.

R. Floyd, four-st'y hotel, s w cor. Sixty-ninth St. and Jefferson Ave.; cost, $6,000.

N. O. Tegtmeyer, two-st'y hotel, Kinney Ave. and Seventy-first St.; cost, $30,000.

Edgefield, S. C. — The building of a hotel, to cost about $40,000, is contemplated.

Richmond, Va.—Lewis Ginter and others will build a hotel, to cost about $500,000.

HOUSES.

Baltimore, Md. — Charles Frederick, 6 two-st'y brick buildings, e s Castle St., n Madison St.

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Hy. Tragesser, 14 two-st'y brick buildings, w s Durham St., bet. Federal and Lanvale Sts.

John F. Hirt, 3 two-st'y brick buildings, Jefferson St., beg. n e cor. Collington Ave.

Benj. P. Moore, 7 two-st'y brick buildings, n s North Ave., bet. Washington and Castle Sts.

Wm. J. Schaffer, three-st'y brick building, n e cor. Monument and Ann Sts.

Charles Milske, 8 two-st'y brick buildings, Collington Ave., beg. s w cor. Fayette St.

James B. Yeatman, 24 two-st'y brick buildings and 2 three-st'y brick buildings, s s Wilkins Ave., w Smallwood St.

J. F. Krauss, 6 two-st'y brick buildings, n s Wilhelm St., bet. Payson and Pulaski Sts.

Boston, Mass. — *Prescott St.*, Ward 1, three-st'y frame dwell., flat roof, 23′ x 42.6′; owner, W. S. Randall; builder, G. T. Rideout.

BUILDING INTELLIGENCE.

Washington St., near Brighton Hill, Ward 25, two frame dwells., hip roofs, 79.11′ x 52′ and 25.11′ x 48′; owners, Nellie J. Daggett and Annie L. T. Williams; builders, Ireland Bros.

Richfield St., rear No. 26, Ward 24, two-st'y frame dwell., flat roof, 32′ x 40′; owner, Mrs. A. Kehoe; builders, Burke Bros.

Lincoln St., Nos. 260-262, Ward 25, 2 three-st'y frame dwells., flat roofs, 19.6′ x 46.6′; owner, Mrs. H. Cheney; builder, A. E. Ellis.

Parker St., No. 813, Ward 22, three-st'y frame dwell., flat roof, 26′ x 52′; owner and builder, W. S. Cole.

Learned St., near Norfolk St., Ward 24, frame dwell., 25′ x 45′; owner and builder, F. J. Rockwell.

Robinson St., near Grace St., Ward 24, frame dwell., 23′ x 51′; owners, W. F. & K. F. Davis; builder, W. J. Hatch.

Hastings St., near Centre St., Ward 23, frame dwell., 28′ x 38′; owner, Chas. Whittemore; builder, M. A. Blanchard.

Harvest St., No. 2, Ward 15, frame dwell., 25′ x 44′; owner, Charles Kelley; builders, H. S. & N. Clark.

Dracut St., near Wrentham St., Ward 24, frame dwell., 26.6′ x 35′; owner, Emma M. Pond; builder, J. Driscoll.

Geneva Ave., No. 24, cor. Leroy St., Ward 24 frame dwell., 24′ x 45′; owner, W. L. Libby; builder L. J. Gillis.

Leeds St., near Dorchester Ave., Ward 24, three-st'y frame dwell., flat roof, 24′ x 40′; owner, Patrick Mullaney; builder, F. Guthrow.

Highland St., near Hawthorne St., Ward 21, three-st'y frame dwell., flat roof, 23′ x 51′; owner, Elizabeth Torndorf; builder, J. Torndorf, Jr.

Maverick St., rear, No. 20, Ward 2, frame dwell., flat roof, 26′ x 42′; owner, Charles McCarthy.

Rowe St., near Ashland St., Ward 23, frame dwell., 22′ x 30′; owner, T. H. Coulter; builder, A. Rogers.

Walnut Ave., No. 285, Ward 21, frame dwell., 28′ x 46′; owner, D. J. Driscoll; builder, J. H. Pineo.

Brookside Ave., near Cornwall St., Ward 23, 3 three-st'y frame dwells., flat roofs, 24′ x 44′; owner and builder, M. M. Favor.

Brook Ave., Nos. 5-7, Ward 29, 2 three-st'y frame dwells., flat roofs, 25′ x 55′; owner and builder, C. F. Barton.

Beacon St., Nos. 862-868, Ward 22, 4 four-st'y brick dwells., flat roofs, 22.6′ x 52′, owners, G. Wheatland, Jr., and W. D. Vinal; builder, W. D. Vinal.

Washington St., Ward 23, three-st'y frame dwell.; cost, about $7,000; owner, John Curran; builders, Howard Bros.; architect, Charles J. Bateman.

Huntington Ave., Nos. 75-77, Ward 11, three-st'y brick dwell. and hall, flat roof, 48′ x 110′; owners, Trustees Dr. Cullis Estate; builders, Gooch & Pray.

Iowa St., near Dakota St., Ward 24, frame dwell., gambrel roof, 28′ x 48′; owner, Mary O'Neil; builder, M. McLaughlin.

Leyland St., near Cottage St., Ward 20, three-st'y frame dwell., flat roof, 24.4′ x 53.6′; owner and builder, G. R. Bickford.

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Tileston Ave., near Blue Hill Ave., Ward 24, frame dwell., 24′ x 33′; owner and builder, Roderick McDonald.

Portsmouth St., near Waverly St., Ward 25, three-st'y frame dwell., flat roof, 25.4′ x 50.4′; owner, J. J. Hall; builders, R. D. Ward & Co.

Dalmatia St., near Howard Ave., Ward 20, 2 three st'y frame dwells., flat roofs, 26′ x 40′; owner, Agnes D. McKay; builders, McKay Bros.

Melville Ave., near Washington St., Ward 24, frame dwell., 41.6′ x 47′; owner, F. W. Whitcher; builder, F. O. Morrill.

Columbia St., No. 212, Ward 24, three-st'y frame dwell., flat roof, 23′ x 51′; owner, A. L. Furbush; builders, McKay Bros.

Edwin St., near Dorchester Ave., Ward 24, frame dwell., 24.6′ x 45′; owner and builder, C. S. Cornwall.

Sanford St., near Cedar St., Ward 20, frame dwell., 27′ x 47′; owner and builder, Benj. Rose.

Montclair Ave., near Centre St., Ward 23, frame dwell., 21′ x 32′; owner and builder, Thomas E. Pickott.

Howe St., near Hancock St., Ward 24, frame dwell., 25.6′ x 33.3′; owner, W. A. Spooner; builder, W. J. Jobling.

Howard Ave., near Brookford St., Ward 20, frame dwell., 25′ x 46′; owner, C. A. Young; builder, C. C. Turner.

Longfellow St., Nos. 9 to 12, Ward 24, three frame dwells., 16.6′ x 32.6′; owners, G. D. Cox and O. G. Stanley; builder, G. D. Cox.

West Park St., cor. Thane St., Ward 24, two frame dwells., 23′ x 34′; owner and builder, W. A. Lent.

Washington St., near Lagrange St., Ward 23, frame dwell., 15′ x 29′; owner, Dennis P. Murphy; builder, Thomas Havey.

Washington St., Nos. 2900 2906, Ward 21, 2 three-st'y frame dwells. and stores, flat roofs, 18.6′ x 45′; owner, Mrs. G. A. Hill.

Wyman St., near Centre St., Ward 23, frame dwell., 27.4′ x 50.10′; owner, Mrs. A. J. Hunting; builder, W. C. Fraser.

Beacon St., near Hereford St., Ward 11, five-st'y brick dwell., flat roof, 25′ x 70′; owner, P. V. R. Ely; builders, W. A. & H. A. Root.

Arundel St., near Walter St., Ward 23, frame dwell., 29′ x 30′; owner, Caroline F. Freeman; builder, Edward Jones.

Blue Hill Ave., cor. Otesfield St., Ward 21, frame dwell., 28′ x 56.9′; owner and builder, Peter Graffam.

Allandale St., near Mt. Walley Ave., Ward 23, frame dwell., 28′ x 36′; owner, Mrs. G. L. Pratt; builders, B. D. Whitcomb & Co.

Lauriat Ave., cor. Lauriat St., Ward 24, four frame dwells., 24′ x 45′; owner and builder, Byzant H. Agnire.

King St., near Adams St., Ward 24, two frame dwells., 23′ x 57′; owner, C. V. Whitten; builder, H. B. Rankin.

Silver St., rear No. 99, Ward 13, three-st'y frame dwell., flat roof, 19.6′ x 26′; owners, J. D. and Nora Diggin; builder, J. D. Diggin.

Notre Dame St., Nos. 2 30, Ward 22, five frame dwells., 20′ x 37′; owner, A. A. Ranney; builders, Alcock & McKay.

East Third St., No. 508, Ward 14, three-st'y frame dwell., flat roof, 20′ x 38′; owner, J. J. Doogan; builder, W. T. Eaton.

Parker St., No. 653, Ward 22, three-st'y frame dwell. and store, flat roof, 24.10′ x 37.4′; owner, A. T. Rogers; builder, M. J. Curley.

Spring Park Ave., near Clive St., Ward 23, frame dwell., 36′ x 50′; owner, John O. Franz; builders, McNeil & McLeod.

Intervale St., near Warren St., Ward 21, three frame dwells., 27.8′ x 48.8′; owner, Patrick Maguire; builder, F. X. Julien.

Moultrie Ave., near Seaborn St., Ward 24, three frame dwells., 26′ x 42′; owner and builder, J. F. Haddock.

East Third St., No. 510, Ward 14, three-st'y frame dwell., flat roof, 20′ x 38′; ow er, J. J. Dorgan; builder, W. T. Eaton.

Mellen St., near Ashmont St., Ward 24, frame dwell., 25.6′ x 36′; owner, C. M. Mellen; builder, E. N. Burt.

Bennington St., No. 13, Ward 1, three-st'y frame dwell. and store, flat roof, 16′ x 52′; owner, Peter Keenan; builder, Frank Finn.

Bradlee St., near School St., Ward 24, frame dwell., hip roof, 34′ x 41′; owner and builder, G. D. Hill.

Atherton St., near Amory St., Ward 23, frame dwell., 25′ x 36′; owner, Catherine E. Landers; builders, G. A. Atwood & Son.

Bennington St., No. 11, Ward 1, three-st'y frame dwell. and store, flat roof, 16′ x 56′; owner, Peter Keenan; builder, Frank Finn.

Harlow St., near Howard Ave., Ward 20, three-st'y frame dwell., flat roof, 21′ x 50′; owners, B. F. & W. B. Wallis; builder, W. B. Wallis.

Ruthven St., near Elm Hill Ave., Ward 21, three-st'y frame dwell., pitch roof, 40.10′ x 47.6′; owner, W. Richmond; builders, W. Richmond & Co.

Stanley St., near Quincy St., Ward 24, three-st'y frame dwell., flat roof, 24′ x 48′; owner, G. R. Smith; builder, F. W. Webster.

Brooklyn, N. Y. — *South Third St.*, s s, 100′ w Havemeyer St., four st'y brick dwell., tin roof; cost, $7,000; owner and builder, Matthias Beck, 263 Rutledge St.; architect, Th. Engelhardt, 905 Broadway.

Fifty-seventh St., s s, 120′ e Second Ave., two-st'y frame dwell., tin roof; cost, $3,000; owner, Mr. Maher, on premises; architects, Spencer Bros., Third Ave. and Fifty-second St.

Forty-fifth St., s s, 140′ e Fourth Ave., 3 three-st'y frame dwells., tin roofs; cost, $3,000 each; owner, J. Abraham, 239 Forty-seventh St.; architects, H. L. Spicer & Sons, Third Ave. and Fifty-third St.

BUILDING INTELLIGENCE.

Decatur St., s s, 233′ 6″ e Saratoga Ave., 10 two-st'y frame dwells., tin roofs; cost, $30,000; owner, A. S. Walsh, 643 Madison St.; architect, C. R. Behrens, 628 Monroe St.

Fifty-fifth St., n s, 215′ w Fourth Ave., 6 two-st'y frame dwells., tin roofs; cost, $2,500 each; owner, Mrs. A. E. Bigelow, Fifty-second St. and Third Ave.

Willoughby Ave., s s, 125′ w Knickerbocker Ave., 2 three-st'y frame dwells., tin roofs; cost, $4,000; owner and architect, Daniel Lauer, 684 Herkimer St.

Cooper St., n s, 20′ w Knickerbocker Ave., 4 two-st'y frame dwells., tin roofs; cost, $2,700 each; owner, Wm. Mahland, 112 Van Voorhis St.; architect, H. Vollweiler, 483 Hart St.

Hendrix St., e s, 175′ n Eastern Parkway, two-st'y frame dwell., tin roof; cost, $3,800; owner, T. F. Lonney, 320 Hendrix St.; architect, Wm. Danmar, Atlantic and Van Sicien Aves.

Forty-fourth St., s s, 300′ e Fourth Ave., 5 two-st'y frame dwells., tin roofs; cost, $2,700 each; owner, architect and builder, Wm. E. Kay, Blythebourne, L. I.

Elton St., w s, 250′ s Belmont Ave., 2 two-st'y frame dwells., tin roofs; cost, $3,000 each; owner and builder, M. Newmann, Eastern Parkway, near Thatford Ave.; architect, Chas. Infanger, 126 Van Sicien Ave.

Watkins St., w s, 150′ n Sutter Ave., 2 three-st'y frame dwells., tin roofs; cost, $5,500 each; owner, Elias Kaplan, Watkins St., near Sutter Ave.; architect, Louis Danancher, Watkins St., near Blake St.

Troy Ave., w s, 20′ 6″ n Butler St., *and Troy Ave.*, 20′ 6″ s Park Pl., 2 two-st'y frame dwells., gravel roofs; cost, $2,500 each; owner, Wm. Herod, Butler St. and Albany Ave.; architect, C. D. Terry, 1750 Pacific St.

Madison St., n s, 325′ e Central Ave., 5 two-st'y frame dwells., tin roofs; cost, $3,000 each; owner, architect and builder, E. F. Wildner, 1200 Madison St.

Troy Ave., w s, 37′ n Butler St., 11 two-st'y frame dwells., gravel roofs; cost, $2,500 each; owner, Wm. Herod, Butler St., near Albany Ave.; architect, C. D. Terry, 1750 Pacific St.

Henry St., e s, 23′ n Luqueer St., four-st'y brick dwell., tin roof; cost, $6,500; owner, D. Sullivan, Henry and Luqueer Sts.; architect, M. H. Hawkins, 258 Hart St.

Park Pl., n s, 100′ w Underhill Ave., 6 two-st'y brick dwells., tin roofs; cost, $5,000 each; owner, W. D. Bogart, 24 Russell Pl.; architect, Charles Infanger, 126 Van Sicien Ave.

Belmont Ave., s w cor. Thatford Ave., three-st'y frame dwell., tin roof; cost, $5,000; owner, Dora Wolf, Belmont Ave., near Osborne Ave.; architect, L. Danancher, 31 Watkins St.

Weirfield St., s w cor. Central Ave., *and Halsey St.*, n w cor. Central Ave., 2 three-st'y frame dwells., tin roofs; cost, $3,500 each; owner, architect and builder, F. Hornby, 1251 Bushwick Ave.

Thirty-second St., s s, 100′ e Third Ave., 6 three-st'y brick dwells., tin roofs; cost, $3,500 each; owner, architect and builder, J. S. McCormick, 138A Sixteenth St.

Seventeenth St., n s, 22′ e Fourth Ave., 4 three-st'y brick dwells., tin roofs; cost, $4,500 each; owner and builder, A. G. Calder, 420 Eighth St.; architect, W. M. Calder, 420 Eighth St.

Rockaway Ave., w s, 100′ s Blake Ave., 6 three-st'y frame dwells., tin roofs; cost, $15,000; owner, H. Simon, Osborn Ave., near Blake Ave.; architect, L. Damancher, 26 Watkins St.

Greene Ave., s w cor. Central Pl., 6 three-st'y frame dwells., tin roofs; cost, $3,800 each, owner, Henry Roth, 1091 Myrtle Ave.; architect, Th. Engelhardt, 905 Broadway.

Fifty-seventh St., n s, 420′ e Fourth Ave., 4 two-and-one-half-st'y brick dwells., tin roofs; cost, $3,000 each; owner and builder, Alex. Waldron, 1106 Third Ave.

Fourth Ave., e s, 80′ 2″ n Seventeenth St., three-st'y brick dwell., tin roof; cost, $4,500; owner and builder, A. G. Calder, 420 Eighth St.; architect, W. M. Calder, 420 Eighth St.

Bergen St., s s, 230′ w Third Ave., four-st'y brick dwell., felt, pitch and gravel roof; cost, $6,500; owner and builder, Thomas Stone, 471 State St.; architect, Mr. Morse, *Eagle* Building.

Garfield Pl., s s, 180′ 9″ e Fifth Ave., 5 two-st'y brick dwells., tin roofs; cost, $6,000 each; owner, Theo. P. Cooper, New York Hotel, New York City; architect, P. Tillion, 202 Manhattan Ave.

Van Buren St., n s, 300′ e Throop Ave., two-st'y brick dwell., tar and gravel roof; cost, $5,600; owner, Wm. Duryea, 257 Hopkins Ave.; architects, Wright & Sweet, 356 Lafayette Ave.

Prospect Pl., s s, 265′ e Grand Ave., 7 two-st'y brick dwells., tin roofs; cost, $5,000 each; owner and builder, W. S. Broskey, Arbuckle Building; architect, S. M. Holden, Arbuckle Building.

Harman St., n s, 250′ e Knickerbocker Ave., 3 three-st'y frame dwells., tin roofs; cost, $4,000 each; owner and builder, George Straub, 809 Willoughby Ave.; architect, Th. Engelhardt, 905 Broadway.

Cornelia St., n s, 17′ e Bushwick Ave., 2 two-st'y frame dwells., tin roofs; cost, $2,300 each; owners and builders, J. W. Lamb & Son, 1068 Putnam Ave.; architect, A. J. Lamb, 1247 Putnam Ave.

Putnam Ave., s s, 315′ e Bushwick Ave., 8 three-st'y frame dwells., tin roofs; cost, $3,000 each; owner, architect and builder, J. Menahan, 25 Bleecker St.

Berriman St., w s, 17′ 6″ n Belmont Ave., 5 two-st'y frame dwells., tin roofs; cost, $1,500 each; owner and builder, Ernest Satterlin, Russell Pl., near Herkimer St.; architect, Charles Infanger, 126 Van Sicien Ave.

Montrose Ave., n s, 75′ e Ewen St., four-st'y brick dwell., tin roof; cost, $6,000; owner, P. J. Lyendecker, 100 Montrose Ave.; architect, Th. Engelhardt, 905 Broadway.

The Engineering RECORD

Founded fourteen years ago and prior to 1887 known as *The Sanitary Engineer*, is the recognized authority on Municipal and Building Engineering. It has subscribers in all countries where there are engineers who can read English. Recently it has been enlarged by the additon of a department conducted, as is its custom, under the advice of an expert, in which notable industrial plants are regularly described and illustrated, the steam and power plants being a conspicuous feature.

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BUILDING INTELLIGENCE.

Chicago, Ill. — A. D. Kirkwood, two-st'y dwell., 1830 Wellington St.; cost, $11,000.

A. A. Palmer, 4 two-st'y dwells., 138-148 Seventy-third St.; cost, $8,000.

F. J. Bennett, 2 three-st'y dwells., 5724-5730 Washington Ave.; cost, $20,000.

A. B. Crusman, two-st'y dwell. and barn, 462-466 West Normal Park Pl.; cost, $5,000.

William Frink, 3 two-st'y dwells., 5716 Emerald Ave.; cost, $6,000.

V. Kutten, two-st'y dwell., 5530 Michigan Ave.; cost, $5,000.

A. Thumas, 2 two-st'y dwells., 675-677 Winthrop St.; cost, $7,000.

T. E. Goodall, 10 two-st'y dwells., 407-429 Burchell St.; cost, $9,000.

A. F. Medach, two-st'y dwell., 90 Seventeenth St.; cost, $3,000.

H. Stewant and C. Spangler, two cottages, 55-57 West Fortieth St.; cost, $3,200.

Oscar Bass, seven cottages, 6314 Avenue A; cost, $5,600.

George Rounsavill, two-st'y dwell., 1849 Wellington St.; cost, $10,000.

Theodore Krueger, two-st'y dwell., 3247 Beacon St.; cost, $6,000.

J. F. Mack, 3 three-st'y dwells., 6357-6361 Wright St.; cost, $15,000.

William Bowman, six cottages, 2409-2419 Thirty-eighth St.; cost, $6,000.

M. W. Bowen, 3 three-st'y dwells., 3346-3350 Prairie Ave.; cost, $25,000.

F. C. Berry, 3 three-st'y dwells, 4442-4446 Woodlawn Ave.; cost, $15,000.

T. B. Seffery, two-st'y dwell., 3135 Malden St.; cost, $4,500.

M. A. R. Smart, 11 cottages, Washington Ave. and Prescott St.; cost, $15,000.

W. H. Drake, three-st'y dwell., 144-146 Thirty-sixth St.; cost, $12,000.

I. Schaffer, two-st'y dwell., 6613 Michigan Ave.; cost, $3,000.

Dr. Days, three-st'y dwell., 4113 Grand Ave.; cost, $9,000.

N. Fehl, two-st'y dwell., 1525 Oakwell St.; cost, $5,000.

Sidney McHie, 2 three-st'y dwells., 1318 Washington Boulevard; cost, $18,000.

J. A. Miller, three-st'y dwell. and barn, 1720 Deming Ct.; cost, $12,000.

George W. Merchant, three-st'y dwells., 7732-7736 Union Ave.; cost, $18,000.

Dr. G. M. Emerich, 2 two-st'y dwells. and barn, 5702 Kimbark Ave.; cost, $6,000.

William Frink, 3 two-st'y dwells., 5715-5719 Emerald Ave.; cost, $6,000.

John Trelause, three-st'y dwell., 2433 Paulina St.; cost, $3,000.

S. F. Gundelson, 6 three-st'y dwells., 4308-4322 Glader Ave.; cost, $6,000.

N. S. Lepperr, three-st'y dwell., 1742 Sheridan Road; cost, $7,000.

D. M. Hayes, two-st'y dwell., 6505 Wharton Ave.; cost, $4,000.

Cincinnati, O. — Mrs. E. B. Lawrence, two-and-one-half-st'y frame dwell., Lake and Nassau Sts.; cost, $3,500; architect, C. Lawrence.

Mrs. George Eichert, four-st'y brick and stone dwell., Bremen St.; cost, $4,500; architect, J. J. Reuckert.

S. M. Cooper, two-and-one-half-st'y frame dwell., Lincoln Ave.; cost, $3,000; architect, W. C. Lawrence.

Boffinger & Hopkins, owners and architects, two-and-one-half-st'y frame dwell., McGregor St.; cost, $3,500.

E. H. Huenfeld, two-and-one-half-st'y brick and stone double dwell., Hewitt Ave.; cost, $6,000; architects, Rieg & Marty.

Richard Ireland, two-and-one-half-st'y brick and stone dwell., Clifton Ave.; cost, $2,500; architect, W. C. Lawrence.

Henry Weber, two-st'y brick and stone dwell., Apple St.; cost, $2,500; architect, Fred Weber.

H. Wienian, two-and-one-half-st'y brick and stone dwell , Ensight St.; cost, $2,500; architect, E. Hotchkiss.

William Schulmeyer, two-st'y brick and stone dwell., 77 Peete St.; cost, $2,500; architect, Wm. Miller, Jr.

Montreal, Can. — *Dorchester St.*, dwell.; owner, W. Borland; architect, J. A. P. Bulman, 156 St. James St.

Stanley St., dwell.; owner, R. White; architect, A. F. Dunlop, 162 St. James St.

Atwater Ave., dwell.; owner, J. B. Brouillette; architect, Theo. Daoust, 162 St. James St.

St. Denis St., dwell.; owner, J. Valade; architects, J. B. Resther & Son, 107 St. James St.

Cathedral St., dwell.; owner, P. McCrory; architect, W. E. Doran, 180 St. James St.

Dorchester St., two cottages; owner, T. McGrail; architect, W. E. Doran, 180 St. James St.

New York, N. Y. — *Forest Ave.*, w s, 176′ 6″ s Cedar Pl., 4 three-st'y brick dwells., tin roofs; cost, $18,000; owner, Herman Schmuck, 17 Stebbins Ave.; architect, Hermann Horenburger; 682 East One Hundred and Fifty-ninth St.

Williams Bridge, e s, 225′ n Scribner St., three-st'y brick dwell., tin roof; cost, $4,000; owner, Francis Burke, 44 Maiden Lane; architect, R. E. Rogers, 110 East One Hundred and Twenty-fifth St.

One Hundred and Fifty-ninth St., s s, 20′ e Elton Ave., 4 three-st'y stone and frame dwells., tin roofs; cost, $4,000; owner, Adam Janson, 928 Trinity Ave.; architect, M. J. Garvin, 331 Third Ave.

One Hundred and Fifty-ninth St., s e cor. Elton Ave., three-st'y stone and frame dwell., tin roof; cost, $5,000; owner, Adam Janson, 928 Trinity Ave.; architect, M. J. Garvin, 331 Third Ave.

Union Ave., e s, 66′ s Westchester Ave., 2 three-st'y brick and frame dwells., peaked roofs; cost, $3,000; owner, Frederick McCarthy, 1019 East One Hundred and Sixty-second St.; architect, Frank Wright, 571 Courtlandt Ave.

Burnside Ave , w s, 175′ s One Hundred and Seventy-ninth St., three-st'y brick and frame dwell., peaked shingle roof; cost, $5,000; owner, James Buckhaut, Burnside Ave. and One Hundred and Seventy-ninth St.; architect, J. J. Vreeland, 711½ East One Hundred and Seventy-seventh St.

Philadelphia, Pa. — *Dennis St.*, n s, w Germantown Ave., 9 three-st'y brick dwells.; owner, James Mole, 1718 Cayuga St.

Whalen St., s s, w Philip St., 10 two-st'y brick dwells.; owner, John Whalen, Philip St. and Glenwood Ave.

Tioga St., n s, w Philip St., 9 two-st'y brick dwells.; owner, John Whalen, Philip St. and Glenwood Ave.

Providence, R. I. — *California Ave.*, n s, two-and-one-half-st'y frame dwell.; cost, $3,000; owner, Paulina M. Niles; builder, Clarence E. Burlingame.

Belmont Ave., n s, 3 two-and-one-half-st'y frame dwells.; owner, John Casey; builder, P. McDonough.

Wayland Ave., s e cor. Douglass St., two-st'y frame dwell.; owner, Miss Sarah J. Snow; architect, C. F. Wilcox.

Angell St., s s, near Grand Ave., two-and-one-half-st'y frame dwell.; cost, $3,500; owner, Elton A. Cooke; builder, John McGrath.

Somerville, Mass. — *Poplar St.*, cor. Linwood St., three-st'y frame dwell., flat roof, 34′ x 43′; owner, Frank Fuchs; builder, Sylvester Woods.

Hudson St., cor. Benton Ave., frame dwell., 27′ x 28′; owner, G. H. Knight; builder, Arthur W. Berry.

Putnam St., Nos. 47 and 49, 2 three-st'y frame dwells., flat roofs, 24′ x 60′; owner, T. F. McGann; builders, Sherriff & Grant.

Somerville Ave., near Central St., three-st'y frame dwell., pitch roof, 30′ x 36′; owner and builder, M. A. Robertson.

School St., near Berkeley St., frame dwell., 26′ x 30′; and stable; owner, John Canavan; builder, Thomas Lidgley.

Hancock St., frame dwell., 26.6′ x 26.6′; owner and builder, Charles S. Roach.

Winslow Ave. extension, near Grove St., frame dwell., 22′ x 35′; owner, David Crocker; builder, J. E. Herrick.

Pearl St., cor. Pearl Pl., frame dwell., 26′ x 48′; owner and builder, J. M. Andrews.

Rossmore St., three-st'y frame dwell., 26′ x 43.6′; owner, John M. Wilson; builders, W. L. & H. S. Waugh.

Meacham St., two frame dwells., 24′ x 32′; owner, Henry R. Glover; builder, Thomas Gordon.

Meacham Court, frame dwell., 24′ x 32′; owner, Thomas Gordon; builder, Henry R. Glover.

Willow Ave., frame dwell., 23′ x 38′; owner and builder, Charles E. Rice.

Washington St., No. 204, three-st'y double frame dwell., flat roof, 43.6′ x 46′; owner, Mary McCormick; builder, Donald McDonald.

Fanning Ave., frame dwell., 26′ x 29′; owner, E. B. Morgan; builders, W. L. & H. S. Waugh.

St. Louis, Mo. — Two-and-one-half-st'y brick dwell.; cost, $6,300; owner, H. Hazelton; contractor, S. De Lille.

Two-st'y brick dwell.; cost, $3,500; owner, W. Kerghtley; contractor, Schisler.

Four two-st'y brick dwells.; cost, $16,000; owner, H. Houltman; contractors, Randell & Baker.

Two-st'y brick dwell.; cost. $2,600; owner, Mrs. B. Schlegel; contractor, Jac. Fischer.

Two-st'y brick dwell.; cost, $2,800; owner and contractor, J. Kammerer.

Two two-st'y brick dwells., cost, $6,500; owner, I. Deterding; contractor, J. H. Drees.

Two two-st'y brick dwells.; cost, $6,500; owner, M. Rhinhart; contractor, J. H. Drees.

Two-st'y brick dwell.; cost, $4,500; owner, F. Deterding; contractor, J. H. Drees.

Two-st'y brick dwell.; cost, $3,000; owner and contractor, C. V. McCarthy.

Two-st'y brick dwell.; cost, $14,000; owner, S. E. Grantley; contractor, P. J. Moynihan.

Two-st'y brick dwell.; cost, $3,000; owner and contractor, L. Krepler.

Two-and-one-half-st'y brick dwell.; cost, $7,000; owner and contractor, H. B. Culp.

Two-and-one-half-st'y brick dwell.; cost, $6,000; owner and contractor, H. B. Culp.

Worcester, Mass. — *Southgate St.*, one-and-one-half-st'y frame dwell. owner, Octave Tartault; contractors, Bellisle & Maynard.

Hale St., two-st'y frame dwell.; owner and contractor, Peter Gendron.

Farnum St., 2 two-st'y frame dwells.; owner and contractor, J. B. Tucker.

Dryden St., two-st'y frame dwell.; owner, Merritt E. Bradley; contractors, Bernstrom & Olson.

Houghton St., two-and-one-half-st'y frame dwell.; owner, C. Manley; contractor, J. A. McDermott; architects, Barker & Nourse.

Belmont St., three-st'y frame dwell ; owner, A. Helander; contractor, L. M. Peterson.

Liberty St., one-and-one-half-st'y frame dwell.; owner, J. F. Gouty; contractor, L. M. Peterson.

Hermitage Ave., two-st'y frame dwell.; owner and contractor, F. H. Holland.

SCHOOL-HOUSES.

Chicago, Ill. — Board of Education, three-st'y schoolhouse, Clybourne Ave. and Girard St.; cost, $60,000.

Board of Education, three-st'y school-house, 918-924 Grace St.; cost, $60,000.

Florence, S. C. — Contract for school-building, to cost $9,625, has been awarded.

Gurley, Ala. — Donnell High-School, to cost $10,000, will be built.

STABLES.

Baltimore, Md. — Jos. L. Bowen will build two-st'y corrugated iron stable, rear 1830 McCulloh St., bet. Laurens and Robert Sts.

Boston, Mass. — *Cowen St., rear*, near Westville St., Ward 24, frame stable, 18′ x 24′; owner, F. H. Silkes.

Barnes St., rear, Dorchester Ave., No. 1815, Ward 24, frame stable, 30′ x 41′; owner, G. E. Griffin; builder, H. M. Wallis.

James St., rear, near Poplar St., Ward 23, frame stable, 20′ x 25′; owner and builder, Lyman Seldner.

Brooklyn, N. Y. — *Carroll St.*, n s, bet. Fourth and Fifth Aves., two-st'y brick stable, gravel roof; cost, $3,000; owner, I. P. Durfy, Park Pl. and Seventh Ave.; builder, L. Macnaughton, 589 Pacific St.

Camden, N. J. — *Penn St., No.* 522, four-st'y brick stable; owner, Chas. Coulter, 522 Penn St.

Cincinnati, O. — Henry Verhage, three-st'y frame stable, Cheapside St.; cost, $3,500; architects, Kuhlman & De Camp.

New York, N. Y. — *East One Hundred and Fourteenth St., No.* 438, two-st'y brick stable, tin roof; cost, $3,000; owner, Guiseppi A. Muliere, 438 East One Hundred and Fourteenth St.; architect, A. Spence, 163 East One Hundred and Twenty-fifth St.

East Seventy-fourth St., No. 119, three-st'y brick stable, tin roof; cost, $15,000; owner, Albert Rosenbaum, 5 East Seventy-third St.; architects, De Lemos & Cordes, 146 Broadway.

Philadelphia, Pa. — *Ludlow St., Nos.* 3450-52, three st'y brick stable; owner, W. H. Hoskins, Thirty-seventh St., s Master St.

Springfield St., n s, w Forty-fifth St., two-st'y brick stable; owners, Hayes & Mendenhall, 4017 Wallace St.

Rockland St., s s, e Third St., two-st'y brick stable; owner, Lewis B. Bitters, 2919 Poplar St.

Franklin St., e s, s Sellers St., two-st'y brick stable; builder, F. J. Osborne, Foulkrod St.

Marshall St., Nos. 2909-11, brick stable; owner, B. Strittmatter, 2908 North Sixth St.

Vici St., n s, w Coral St., two-st'y brick stable; builder, Geo. Kessler, 1543 Perth St.

Siegel St., s s, w Eighteenth St., one-st'y brick stable; owner, Jno. G. Simpson, 1431 Morris St.

Mifflin St., s s, w Fifth St., one-st'y brick stable; owner, Jos. Weber, 518 Mifflin St.

Hackley St., s s, w Lawrence St., one-st'y brick stable; builder, Wm. Tecklenberg, 1614 Cadwalader St.

Otter St , No. 20, two-st'y brick stable; builder, Paul Bertrond, 1031 Lawrence St.

Glenwood St., n w cor. Sixth St., brick stable; builder, B. P. Evans, Manheim and Knox Sts.

Franklin St., e s, s Arrott St., two st'y brick stable; ow er, Geo. I. Elliott, 4763 Franklin St.

Morris St., No. 1909, two-st'y brick stable; builder, Samuel Colwell, 210 South Fifteenth St.

Buist Ave. and Eighty-first St., one-st'y brick stable; owner, Patrick Hoven, Eighty-first St. and Buist Ave.

Lombard St., Nos. 6028-29, two-st'y brick dwell.; owner, Jno. V. Fisher, 6023 Lombard St.

Allegheny Ave., No. 1513, one-st'y brick stable; owner, J. H. A. Klauder, 1513 Allegheny Ave.

Beckley St., n Tabor St., two-st'y brick stable; owner, Wm. McCaffrey, Beckley St., n Tabor St.

Sellers St., No. 1356, two-st'y brick stable; owner, Wm. M. France, 1356 Sellers St.

Somerville, Mass. — *School St.*, near Berkeley St., frame stable, 20′ x 36′; owner, John Canavan; builder, Thomas Lingley.

St. Louis, Mo. — Two-st'y brick livery stable; cost, $9,000; owners, Pechman & Bro.; contractor, Wm. Rieve.

Worcester, Mass. — *Grafton St.*, one-and-one-half-st'y frame stable; owner, R. S. J. Burke; architects, Earle & Fisher; day work.

Hermitage Ave., two-st'y frame stable; owner and contractor, F. H. Holland.

STORES.

Boston, Mass. — *Norfolk St.*, cor. Chipman St., Ward 24, one-st'y frame store, flat roof, 20′ x 30′; owner, Catharine Stanton; builder, H. J. Rice.

Clifton St., near Dudley St., Ward 20, one-st'y store, flat roof, 35′ x 41′; owner, D. C. Bolivar; builders, W. H. Haddock & Co.

Clifton St., near Dudley St., Ward 20, two-st'y frame store and factory, flat roof, 32′ x 40′; owner, D. C. Bolivar; builders, W. H. Haddock & Co.

Dudley St., near Clifton St., Ward 20, 2 one-st'y frame stores, flat roofs, 30′ x 38′ and 41′ x 60′; owner, D. C. Brewer; builders, W. H. Haddock & Co.

Brooklyn, N. Y. — *Warren St.*, s s, 100′ e Third Ave., 2 three-st'y brick stores and dwells., tin roofs; cost, $3,500 each; owner, E. A. Wooley, on premises; architect, Robt. Dixon, 219 Montague St.

North Second St., n s, 25′ w Graham Ave., four-st'y brick dwell., tin roof; cost, $7,000; owner, F. Briglio, 467 North Second St.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Irving Ave., n e cor. Grove St., 2 four-st'y brick stores and dwells., tin roofs; cost, $15,000; owners, builders and architects, Burkard & Dreher, 314 Bleeker St.

Evergreen Ave., n w cor. Schaeffer St., 2 three-st'y frame stores and dwells., tin roofs; cost, $17,000; owner, M. A. Tostevin, 942 Greene Ave., architects, D. Acker & Son, 752 Broadway; builder, P. Monahan, 942 Greene Ave.

Irving Ave., n w cor. Harman St., three-st'y frame store and dwell., tin roof; cost, $5,000; owner and builder, Ernst Augustine, 252 Himrod St.; architect, W. B. Wills, 504 Hart St.

Fulton St., s e cor. Vermont Ave., and *Fulton St.*, s w cor. Wyona St., 2 three-st'y frame stores and dwells., tin roofs; cost, $4,000 each; owner, A. Rempe, Rockaway Ave.; architects, Brogglewirth Bros., 1151 Myrtle Ave.

Seventh Ave., n e cor. Fourth St., 2 four-st'y brick stores and dwells., tin roofs; cost, $27,000; owner, B. F. McCauley, 482 Eleventh St.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Cooper St., n w cor. Knickerbocker Ave., three-st'y frame store and dwell., tin roof; cost, $3,600; owner and builder, H. W. Mahland, 112 Van Voorhis St.; architect, H. Vollweiler, 483 Hart St.

Wyckoff Ave., e s, 25′ n Herrmann St., 3 three-st'y frame stores and dwells., tin roofs; cost, $4,000 each; owner and builder, D. Fink, next premises; architect, H. Vollweiler, 483 Hart St.

Wyckoff Ave., n e cor. Herrmann St., three-st'y frame store and dwell., tin roof; cost, $4,900; owner and builder, D. Fink, next premises; architect, H. Vollweiler, 483 Hart St.

Nostrand Ave., cor. Stockton St., four-st'y brick store and dwell., gravel roof; cost, $7,500; owner and builder, John Clarke, 675 Willoughby Ave.; architect, S. Harbison, 2 Arlington Place.

Willoughby Ave., s s, 100′ w Knickerbocker Ave., three-st'y frame store and flat, one-st'y extension, tin roof; cost, $4,500; owner and architect, Daniel Lauer, 684 Herkimer St.

Seventh Ave., e s, 35′ n Prospect Ave., four-st'y brick store and flat, tin roof; cost, $6,000; owner, architect and builder, W. J. Conway, Third Ave. and Sackett St.

Seventh Ave., n e cor. Prospect Ave., four-st'y brick store and dwell., tin roof; cost, $14,000; owner, architect and builder, W. J. Conway, Third Ave. and Sackett St.

Chicago, Ill. — W. B. Jones, two-st'y store and dwells., 249 Seventy-sixth St.; cost, $3,500.

Abraham Lewinsky, 2 three-st'y stores and flats, 491-493 West Taylor St.; cost, $14,000.

James Baker, four-st'y store and flats, Sixty-third St. and Drexel Boulevard; cost, $40,000.

C. W. Partridge, 4 four-st'y stores and flats, 6601-6603 Cottage Grove Ave.; cost, $30,000.

S. Hastrach, three-st'y store and flats, 1193 North Robey St.; cost, $4,000.

John Miller, three-st'y store and flats, 1221 Sixty-third St.; cost, $6,000.

Rudolph Craft, two-st'y store and flats, 3655 Ashland Ave.; cost, $6,500.

C. Guerra, three-st'y store and flats, 811 West Taylor St.; cost, $7,000.

J. L. Granson, two stores, 1056-1058 Madison St.; cost, $4,000.

L. R. Caswell, 3 four-st'y stores and flats, 4210-4214 Cottage Grove Ave.; cost, $25,000.

Prudent Mercier, three-st'y store and flats, 6942 Stony Island Ave.; cost, $20,000.

Joseph Russe, three-st'y store and flats, 71 Ewing St.; cost, $4,000.

Frank Wells, 6 four-st'y stores and flats, 3028-3038 Calumet Ave.; cost, $30,000.

William Legner, one-st'y store, 179 Grand Ave.; cost, $3,000.

Auton Klami, three-st'y store and flats, 1285 Twenty-second St.; cost, $6,000.

D. S. Cosgrove, five stores, Sear and Sixty-third Sts.; cost, $3,000.

Samuel C. Coughlin, 2 three-st'y stores and flats, 4121-5123 Shields Ave.; cost, $13,000.

J. B. Henderson, three-st'y store and flats, 615 Sixty third St.; cost, $9,500.

Cincinnati, O. — J. E. O'Hara, three-and-one-half-st'y frame store and dwell., May St.; cost, $4,000; architect, M. Schiechtemeyer.

F. G. Huntington, three-st'y brick and stone

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BUILDING INTELLIGENCE.

store and flats, Elm St.; cost, $5,500; architect, G. W. Drach.

Raphael Strauss, two-and-one-half-st'y brick and stone store and dwell., Charles St.; cost, $6,500; architects, G. & A. Brink.

Montreal, Can.—*Lagauchetière St.*, three stores and dwells.; owner, M. Stewart; architect, W. E. Doran, 180 St. James St.

Notre Dame St., two stores and dwells.; owner, James Cuddy; architect, W. E. Doran, 180 St. James St.

St. Catherine St., two stores and dwells.; owner, Wm. Strahan; architect, W. E. Doran, 180 St. James St.

Ste. Cunegonde, Que.—*Delisle St.*, store and dwell. owner, B. Durocher; architect, J. Alcide Chausse, 3124 Notre Dame St., and 153 Shaw St., Montreal, Can.

St. Louis, Mo.—Two two-st'y brick stores and dwells.; cost, $6,000; owner, W. R. Sittig; contractors, Trauel & Sivers.

Two-st'y brick store; cost, $7,000; owner, G. B. Farrer; contractor, Wm. Watson.

TENEMENT-HOUSES.

Montreal, Can.—"*St. Henry*," tenement-house; owner, Wm. Guay; architect, J. Alcide Chausse, 153 Shaw St.

New York, N. Y.—*Sixth St., No.* 692, five-st'y brick tenement, tin roof; cost, $14,000; owner, Ridabock Estate, 121 West One Hundred and Thirty-first St.; architect, Geo. H. Griebel, 247 West One Hundred and Twenty-fifth St.

Morris Ave., e s, One Hundred and Fifty-fourth to One Hundred and Fifty-fifth St., 5 four-st'y brick tenement, tin roof; cost, $80,000; owner, Marie E. Algie, 19 West One Hundred and Thirty-fifth St.; architect, Andrew Spence, 163 East One Hundred and Twenty-fifth St.

WAREHOUSES.

Chicago, Ill.—N. T. Wilson, seven-st'y warehouse, 258-260 South Franklin St.; cost, $55,000.

J. P. Sherlock, warehouse, 25-31 Lessing St.; cost, $3,000.

Philadelphia, Pa.—*Verner St.*, w s, n Kansas St., one-st'y warehouse; builder, Wm. Cutler, 2453 Carpenter St.

Frankford Ave., w s, s Adams St., three st'y brick warehouse; builder, Philip Haibach, cor. Twenty-sixth and Thompson Sts.

MISCELLANEOUS.

Baltimore, Md.—F. Albrecht, Jr., will build one-st'y iron building, s s Pratt St., bet. Monroe and Payson Sts.

Boston, Mass.—*Freeport St., rear No.* 250, Ward 24, frame storage, 60' x 110'; owners, F. A. Merriam & Co.; builder, W. H. Jackson.

Mystic Wharf, Chelsea Bridge, Ward 3, one-st'y brick dynamo-house, flat roof, 15.6' x 30'; owners, Boston & Maine R. R. Co.; builder, H. Bissell.

River St., nearly opp. Morton St., Ward 24, two-st'y frame building, pitch roof, 25' x 60'; for the Catholic Union; builder, P. O'Hearn.

Brooklyn, N. Y.—*Plymouth St., No.* 216, five-st'y brick storehouse, felt and gravel roof; cost, $10,000; owner, J. L. Trusiow; architect, W. H. Gaylor, 110 South Eighth St.

Forty-second St., n s, 260' w Fourth Ave., two-st'y and three st'y brick tailoring shops and dwells., tin roofs; cost, $7,000; owner, P. J. Lichtenberger, 186 East Houston St., New York City; architects, H. L Spicer & Son, Third Ave. and Fifty-third St.

Bergen St., s s, 235' e Troy Ave., two-st'y brick fire engine-house, tin roof; cost, $10,000; owner, City of Brooklyn; architect, Engineer Dept. of City Works, 33 Municipal Building; builders, Leonard Bros., 735 Bergen St.

Hull St., n s, 325' 2½" e Stone Ave., two-st'y brick fire engine house, tin roof; cost, $10,000; owner, City of Brooklyn; architect, Engineer Dept. City Works, 33 Municipal Building; builders, Leonard Bros., 735 Bergen St.

Reed Ave., s e cor. Gates Ave., one-st'y brick bowling alley, tin roof; cost, $7,000; owner, James Trainor, Sixth Ave. and Thirty-third St., New York City; architect, George Keister, 146 West Thirty-fourth St., New York City.

Putnam Ave., No. 212, three-st'y brick convent, tile roof; cost, $26,000; owner, Monastery of the Precious Blood, 213 Putnam Ave.; architect, R. L. Daus, 26 Court St.

Camden, N. J.—*Camden Iron Works*, one-st'y brick and iron shop; owner, Camden Iron Works.

Chicago, Ill.—Chicago City Railway Co., power-house, 5220 Wabash Ave.; cost, $35,000.

C. W. Lasher, one-st'y storage house, 126-132 Chicago Ave.; cost, $5,000.

R. Blakeslee, four-st'y storage house and barn, 912-916 Wilcox Ave.; cost, $6,000.

Chicago Gaslight and Coke Co., boiler-house, 2628-2746 Cologne St.; cost, $6,000.

Cincinnati, O.—Jeptha G. Miller, six-st'y brick and stone repository, Sixth St.; cost, $15,000; architect, J. B. Harlow.

Isaac Rupp, two-st'y brick and stone slaughter-house, Cormany Ave.; cost, $2,500; architect, Adam Bast.

The Francis Fritsch Mfg. Co., one, two and three-st'y brick and stone buildings, McMicken Ave.; cost, $4,000; architect, Charles Diss.

Montreal, Can.—*St. James St.*, bank building; owner, Banque du Peuple; architects, Perreault & Mesnard, 11 Place d'Armes Hill.

Philadelphia, Pa.—*Meadow St.*, n e cor. Cedar St., 2 one-st'y brick storehouses; owner, Chas. H. Wilson.

Morris St., n s, e Eighth St., two-st'y dye-house; owner, Jas. Brown, Brown's mills, Eighth and Tasker Sts.

Mervine St., No. 1732, two-st'y brick engine-house; builder, Michael Schucal, 1744 North Twelfth St.

Asylum St., s s, bet. Second and K Sts., 2 two-st'y buildings; builder, W. R. Dougherty, 1604 Sansom St.

Indiana Ave., n s, w Twenty-first St., one st'y brick foundry; builder, D. R. Evans, 3343 Uber St.

Allen St., e s, n Shackamaxon St.; one-st'y brick shop; builder, J. B. Vanderslice, 3929 North Eighth St.

Washington Ave., n s, w Twentieth St., one-st'y shed; owners, Gillison Christie & Co., 1615 Catharine St.

Hancock St., e s, n Lehigh Ave., two-st'y brick boiler-house; builders, R. J. Whitesides & Sons, 2228 Mt. Vernon St.

Comly St., No. 3413, one-st'y brick shop; owner, Parisian Novelty Co., 3413 Comly St.

Providence, R. I.—*Waterman St.*, s s, bet. North Main and Benefit Sts., three-st'y brick building for School of Design; owner, Est. Jesse Metcalf; architects, Hoppin, Read & Hoppin.

PROPOSALS.

BRICK AND CARPENTER WORK.
[At Rumford Falls, Maine.]

Bids will be received for the construction of the brick and carpenter work on the buildings of the Rumford Falls Sulphite Co., to be built at Rumford Falls, Maine. Plans and specifications can be seen at the office of the treasurer, H. J. Chisholm, 390 Congress St., Portland, Maine. Bids will be opened December 20, 1892. The company reserve the right to reject any and all bids. 886

Treasury Department, Office Supervising Architect, Washington, D. C., December 6, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 5th day of January, 1893, and opened immediately thereafter, for all the labor and materials required for the low-pressure, return-circulation, steam heating and ventilating apparatus, etc., for the United States Court-house, Post-office, etc., building at Helena, Arkansas, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Helena, Arkansas. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus for the United States Court-house, Post-office, etc., at Helena, Arkansas," and addressed to W. J. EDBROOKE, Supervising Architect. 886

Treasury Department, Office Supervising Architect, Washington, D. C., December 3, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 28th day of December, 1892, and opened immediately thereafter, for all the labor and material required for the approaches to the United States Court-house and Post-office building at Birmingham, Alabama, including pipe railing at area in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Birmingham, Alabama. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids or to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Approaches to the United States Court-house and Post-office building, Birmingham, Alabama," and addressed to W. J. EDBROOKE, Supervising Architect. 886

Office of the Light-house Engineer, Third District, Tompkinsville, November 28, 1892. Proposals will be received at this office until 12 o'clock noon of Wednesday, December 21, 1892, for furnishing materials and labor of all kinds necessary for the construction of the sea wall at the United States General Light-house Depot, Staten Island, New York, according to the plans and specifications therefor, which, together with other information, may be obtained on application to this office. The amount available for this work is about $25,000. The right is reserved to reject any or all bids, and to waive any defects. D. P. HEAP, Major of Engineers, U. S. Army, Engineer Third Light-house District. 8-5

Treasury Department, Office Supervising Architect, Washington, D. C., November 29, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 21st day of December, 1892, and opened immediately thereafter, for furnishing and delivering at the Treasury Department Building, draughting materials for the office for the fiscal year ending June 30, 1893, in accordance with the specification and schedule, copies of which may be obtained on application at this office. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidder. Proposals must be enclosed in envelopes sealed and marked "Proposal for Furnishing and Delivering Draughting Materials for the Office of the Supervising Architect, Treasury Department, Washington, D. C.," and addressed to W. J. EDBROOKE, Supervising Architect. 885

Treasury Department, Office Supervising Architect, Washington, D. C., November 25, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 23d day of December, 1892, and opened immediately thereafter, for all the labor and materials required for the trench excavation, concrete and stone footings, cut-stone and brickwork of the basement and area walls of the United States Post-office, Court-house and Custom-house at Milwaukee, Wis., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Milwaukee, Wis. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Trench Excavation, Concrete and Stone Footings, Cut-stone and Brickwork of the Basement and Area Walls for the United States Post-office, Court-house and Custom-house at Milwaukee, Wis.," and addressed to W. J. EDBROOKE, Supervising Architect. 885

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ALTHOUGH the Architecture of the RENAISSANCE in other countries has during the last few years, received much attention, and been copiously illustrated, but little has been recently attempted towards illustrating the remains of the same period in England; yet the reign of Elizabeth was the time of great building activity, and was marked by a lavish display of magnificence in house building. Many of these buildings, stately, picturesque, and rich in beautiful detail, both inside and out, remain to us to show how problems of design were solved, which in their main conditions, come up for solution in the present day. It is these essentially English Buildings which the present work will portray. Hardwick Hall, Hatfield, Kirby, Burghley, Cobham, Blickling, are a few among the large and well-known houses; while Ragdale, Hambleton, Condover, Brereton, Lilford, Longford, and many others, though not so famous, are no less interesting as examples of the style. The buildings selected are typical examples, chosen from the best that are available, and they range from Lancashire and Yorkshire in the North, to Devon and Kent in the South: stone, brick, and timber-built structures being all represented.

The photographic plates will comprise general views of the buildings, both exterior and interior, with special features to a larger scale; and although taken mainly from Domestic work, there will be a few notable monuments from Churches as well as woodwork from the same sources. In addition to the photographic plates there will be given twenty sheets of measured details, reproduced by photo-lithography from drawings specially prepared for the work, comprising some of the features given in the views as well as many others not suitable for photographic illustration.

The Text will be interspersed with about a hundred small sketches of other interesting features such as balustrades, dormer windows, corbels, groining bosses, carved panels, staircases, glazing, etc., etc., as well as some plans of buildings, and profiles of the principal mouldings. By this means it is hoped to make the work far more useful than it would be were it merely a collection of general views, and to render it not only a valuable study-book for the Architect, but of great interest to all who take pleasure in the remains of the richest period of Domestic Architecture which England has witnessed.

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ALTHOUGH numerous works have been issued on single monuments or those of single cities or provinces, the mediæval styles of Italy are yet far from having received the attention they deserve.

A perfect sifting of the elements that went to make up the architecture of mediæval Italy is yet to be undertaken, and will require as a preliminary work that of investigating the origin of the Byzantine style and clearly defining it. In the meanwhile every little stone that can be carried to the building may be of some use, especially if it represent honest and careful investigation.

The Siculo-Norman monuments of Palermo and environs belong to the most exquisite gems of mediæval architecture, and, interesting as they are from a historic point of view, they are none the less so to the practical designer. There is probably no set of mediæval monuments in Italy which offers such a large and varied mass of suggestions as the Palermitan monuments. Fergusson justly refers to the Palatine chapel as the gem of mediæval interior decoration, and the same is no less true of La Martorana, while the fame of Monreale and its cloisters is too well-known to require mention.

The author recently made a journey to Sicily and during his stay there devoted his time to the study of the Norman monuments. This work therefore represents a study by a practical architect and the text simply attempts to familiarize the reader with the circumstances under which these wonderful monuments were created, and with some of the peculiar technical processes employed in their construction and decoration.

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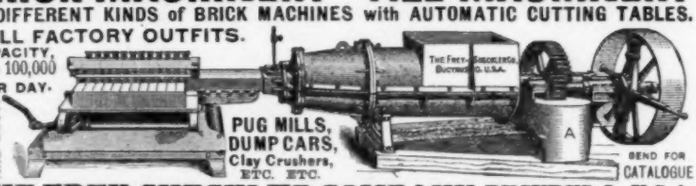

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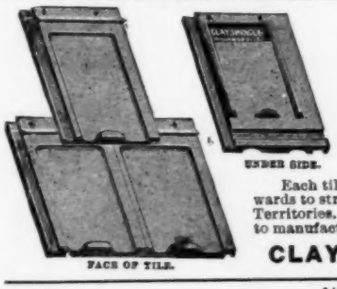

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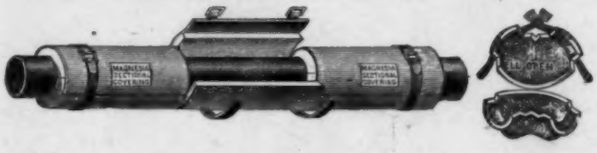

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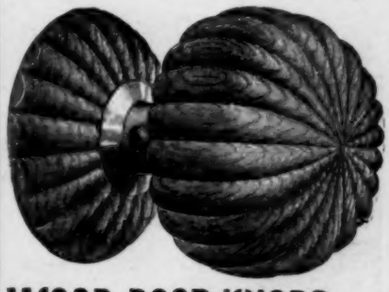

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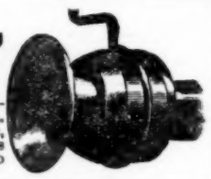

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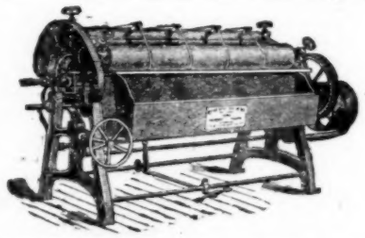

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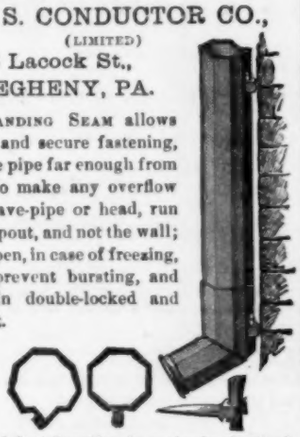

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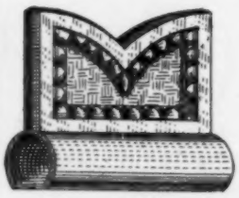

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Ash [*Kiln-dried.*]	@ 55 00	45 00 @ 60 00	14 00 @ 30 00	42 50 @ 47 50
Cherry	80 00 @ 120 00	90 00 @ 120 00	35 00 @ 90 00	100 00 @ 120 00
Butternut	40 00 @ 60 00	60 00 @ 70 00	17 00 @ 35 00	70 00 @ 80 00
Hard-pine floors (rift)		45 00 @ 50 00		
Mahogany, Baywood (Mexican)	@ 180 00	150 00 @ 160 00	110 00 @ 170 00	150 00 @ 250 00
" St. Domingo	@ 350 00	120 00 @ 350 00	200 00 @ 250 00	200 00 @ 400 00
Maple	45 00 @ 50 00	45 00 @ 50 00	12 00 @ 20 00	25 00 @ 55 00
Oak, red	@ 70 00	@ 50 00	17 00 @ 27 00	42 50 @ 55 00
" white	@ 70 00	50 00 @ 55 00	16 00 @ 28 00	45 00 @ 55 00
" quartered	@ 90 00	65 00 @ 75 00	34 00 @ 40 00	60 00 @ 75 00
Sycamore quartered		50 00 @ 65 00	25 00 @ 28 00	57 50 @ 65 00
Pine, clear	65 00 @ 70 00	50 00 @ 75 00	33 00 @ 50 00	@ 65 00
Redwood	60 00 @ 70 00	60 00 @ 70 00	40 00 @ 45 00	60 00 @ 75 00
Rosewood ₱ lb.	@ 6		per M. 600 00	
Spruce floors (clear, kiln-dried)		32 00 @ 35 00		
Walnut, black	125 00 @ 150 00	85 00 @ 120 00	40 00 @ 75 00	50 00 @ 170 00
Whitewood	45 00 @ 50 00	40 00 @ 45 00	14 00 @ 30 00	25 00 @ 40 00
Yellow pine ₱ M.	@ 45 00	40 00 @ 42 00	31 00 @ 31 00	@ 42 00

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Common: *Cargo afloat.*				In Yard.
Pale	1 75 @ 2 00	Eastern 9 00 @ 10 00	Building Brick @ 10 00	Sq. Hard @ 9 00
Jersey	4 00 @ 4 75			" @ 7 00
Long Island	@	Bay State Hard 7 00 @ 8 00.		Salmon @ 5 00
Up River	4 00 @ 4 75	Domestic Com. 9 50 @ 10 00	Indiana Pressed 14 00 @ 20 00	Sq. " @ 9 00
Haverstraw Bay 2d	4 75 @ 5 00	Domestic Face 20 00 @ 22 00	St. Louis Fronts @ 27 00	Light Stretchers @ 10 00
" 1st	5 00 @ 5 25	Philadelphia 40 00 @ 45 00		Medium " @ 12 00
Hollow	@ 13 00	Phila. mould 50 00 @ 80 00		Red " @ 13 00
Fronts:			15 00 @ 27 00	Dark " @ 13 00
Croton, Brown	@ 13 00	Anderson 14 00 @ 32 00	65 00 @ 350 00	Pressed 18 00 @ 20 00
" dark	@ 14 00		@ 55 00	Best Paving @ 14 00
" red	@ 14 00		45 00 @ 50 00	Second " @ 13 00
Chicago pressed (Anderson)			45 00 @	Third " @ 12 00
" Moulded			25 00 @	
Baltimore	37 00 @ 41 00		60 00 @ 100 00	Dom. @ 65
Philadelphia	23 00 @ 24 00		30 @	@ 85
Trenton	22 00 @ 23 00		35 @	
Milwaukee			55 00 @ 65 00	
Moulded:				
Glens Falls Red Pressed	@ 37 00		@ 100 00	
" " Buff "	@ 30 00		@ 120 00	
" " Moulded Red & Buff	45 00 @ 70 00			
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00			
Enamelled (edge and end)	90 00 @ 115 00			
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	85 @ 95	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbe)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 80 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 50 @ 2 75
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	2 75 @ 2 85
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	2 60 @ 2 75
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	3 00 @ 3 25
" " (Hanover)	2 50 @ 3 00		*Not sold.*	2 75 @ 2 85
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	
" American (Saylor's)	1 75 @ 2 00	2 15 @ 2 50	2 75 @ 3 00	2 70 @ 3 00
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	3 00 @ 3 50
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	6 50 @ 7 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	8 00 @ 9 00
Lime:				
Lime of Teil	3 50 @ 4 00		*Not sold.*	White Lime ₱ bush
Hydraulic Lime	@ 1 45	@ 1 35		25 @ 30
Chicago Lime in bulk		St. John 1 00	55 @	White Mash
Wisconsin Lime			60 @	1 25 @ 1 50
Rockland and Rockport, (Com.)	@ 85	@ 1 05	*Not sold.*	1 00 @ 1 00
Rockland and Rockport, finish	@ 95	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	21 @ 25	@ 30	30 @ 35	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 90	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 85
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	₱ 75 @ 1 50
Serpentine	@	10 50 per ton	@ 1 00	Perch 4 50 @ 5 50

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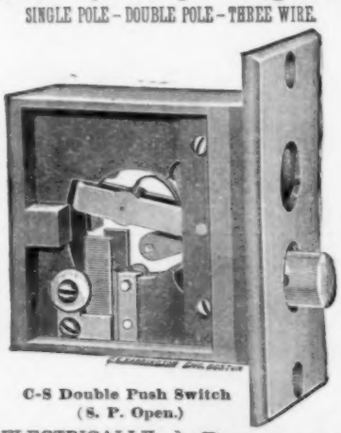

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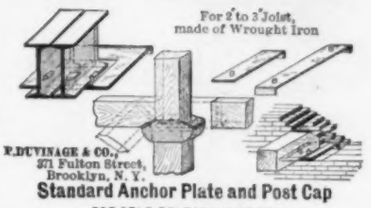
Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ pereh.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th. 10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 05
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 25
Amherst Ohio	90 @ 95	90 @ 1 00	45 @ 50	85 @ 95
Berea "	75 @ 1 00	85 @ 90	45 @ 55	55 @ 75
Berlin "	75 @ 1 00	80 @ 90	55 @ 65	85 @ 95
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 00 @ 1 10
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 05 @ 1 15
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	95 @ 1 05
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	325 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	00 @ 4 65
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ...℔ M.	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	7 @ 7½	@ 7½
" zinc, "	5 @ 8½	@ 8	5 @ 10½	@ 7
Red lead, Am	6½ @ 7	7 @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	70 @ 5 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 30	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	55 @ 62	47 @ 48	57 @ 60	@ 60
" " boiled. (℔ gal.)	58 @ 65	50 @ 51	60 @ 63	@ 63
Turpentine (℔ gal.)	36 @ 37	@ 36	51 @ 51	@ 44
Varnish, coach (℔ gal.)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac (℔ gal.)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (℔ cwt.)	75 @ 1 00	1 @ 1½	1 @ 1½	1 @ 1
Paris white, (Eng.) (℔ cwt.)	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am (℔ cwt.)	5½ @ 6	7 @ 7½	6½ @ 7	@ 7½
Sienna (burnt) (℔ cwt.)	14 @ 20	14 @ 29	4 @ 16	4 @ 14
Umber " (℔ cwt.)	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 35 @ 3 50	per keg @ 2 25
10d. common	@ 2 60	@ 2 10	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 2 35	@ 2 60
Lath	@ 4 85	@ 3 40	@ 3 25	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $2.25	per ℔ 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask
Butts: 4″ x 4″ ...(℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish ...(℔ pair.)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not Sold.*
Hemacite	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, silvered	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:	@	@	14 @ 16	13½ @ 16
Sheet Lead	@	@ 7½	6 @ 7	@ 6½
Lead Pipe	@	@ 6½	5½ @ 6	6 @ 6
Iron:				
I-Beams, up to and including 36 ft.	3 3-10 @ 3½	@ 3 4-10	@	@ 2 8-10
I-Beams, over 30 ft. ¼, ½, ¾ c. advance	@	@	2 50 @ 2 75	@ 2 8-10
Channel Beams	3 3-10 @ 3½	@ 4-10	2 50 @ 2 75	@ 2 8-10



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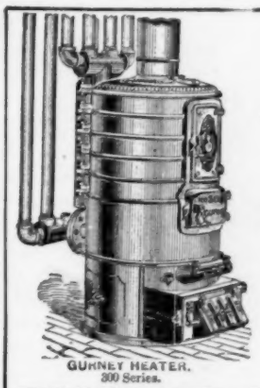

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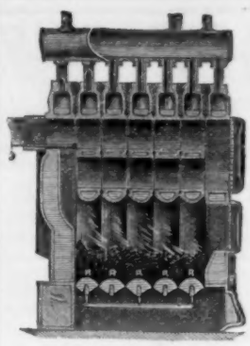

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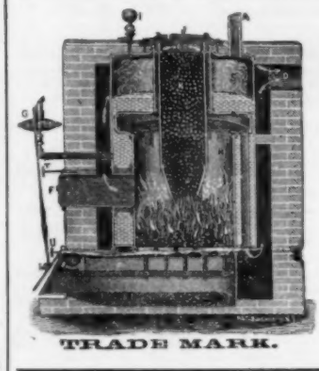

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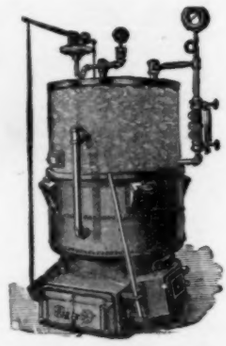

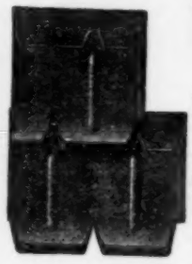

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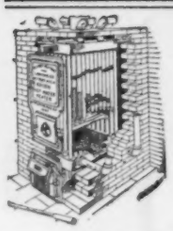

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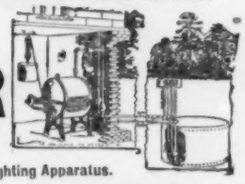

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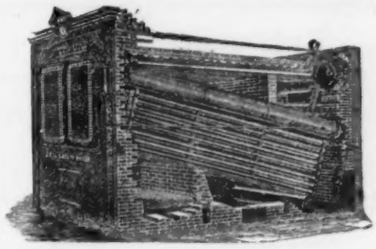

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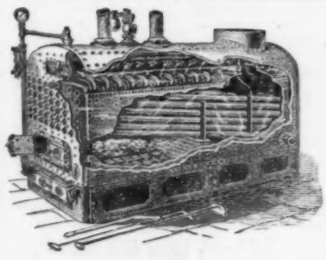

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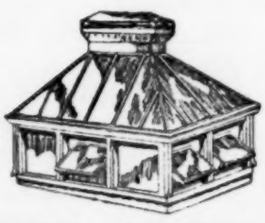

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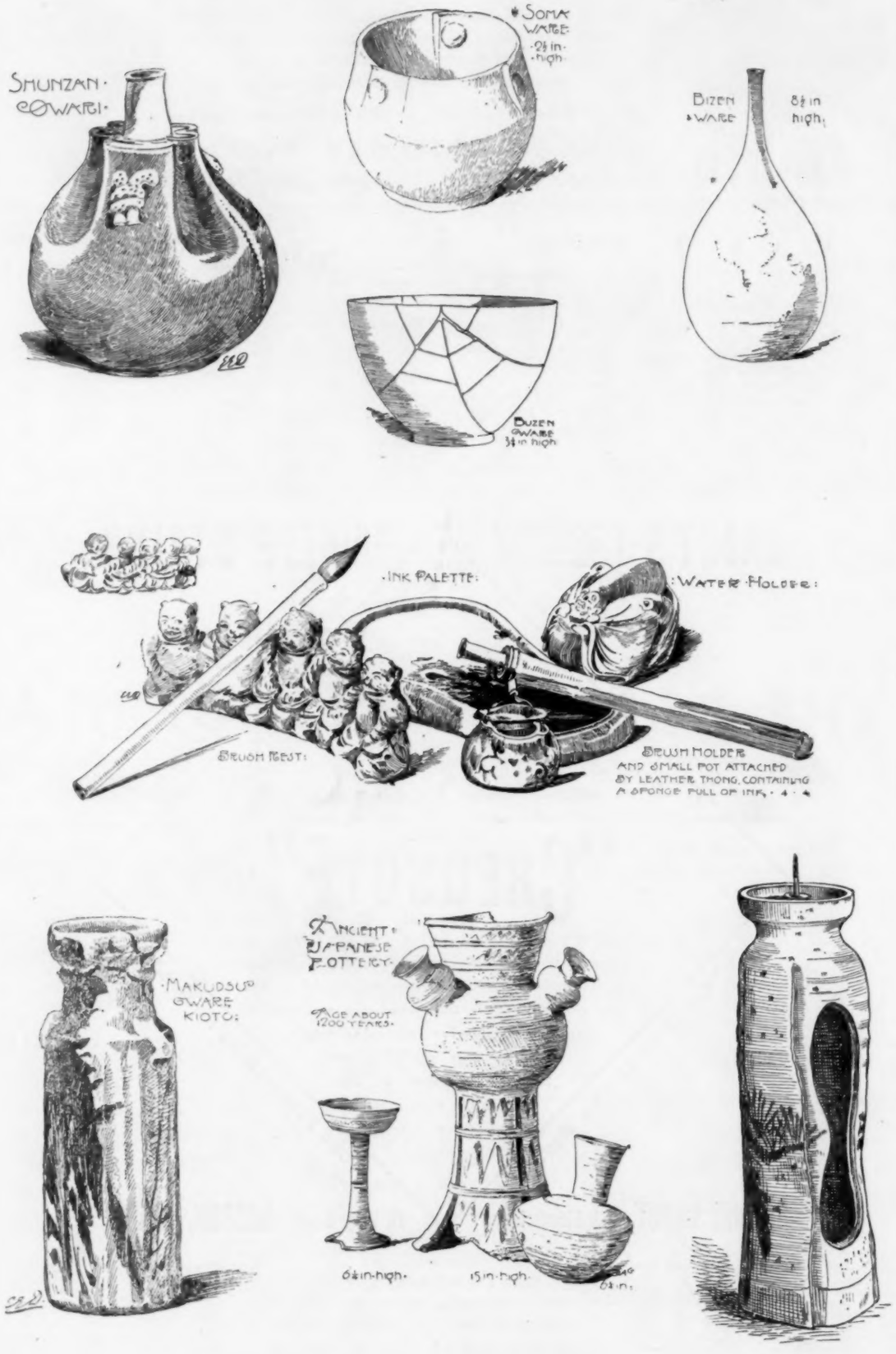

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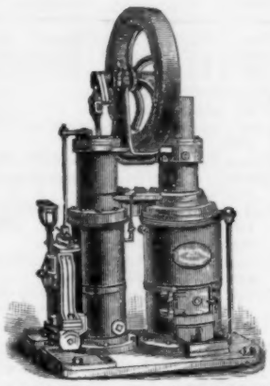

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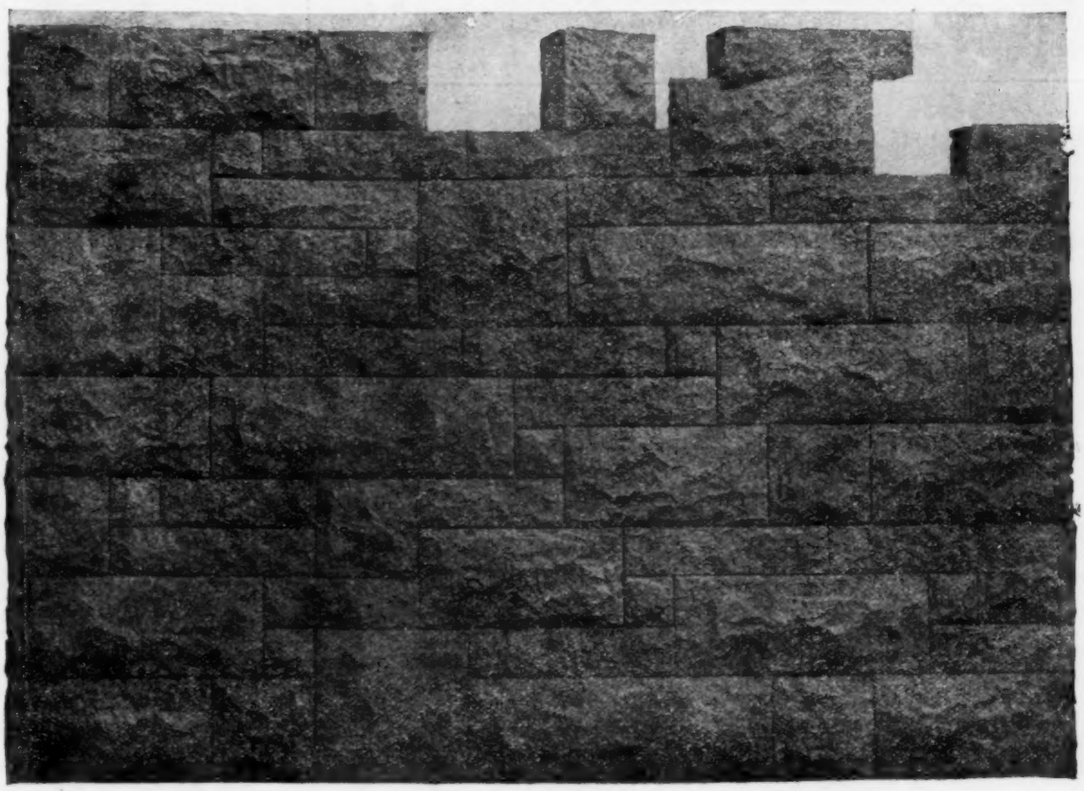

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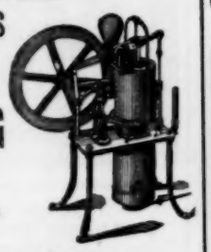

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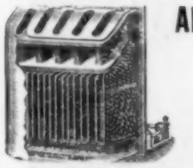

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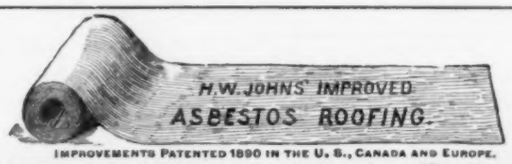

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Effective Varnish for House Finishing.

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No. 311 Amsterdam Ave., NEW YORK. CHICAGO, ILL.

Awarded the Grand Prize at the late Paris Exposition.

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The American Architect and Building News

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New Advertisements.

MERCHANT & CO. (Philadelphia, Pa.), Tin Plates. Page vi.
C. W. TANNER & CO. (Richmond, Va.), Fireproofing. Page viii.
SMITH & ANTHONY STOVE CO. (Boston, Mass.), Sanitary Appliances. Page 2, Cover.

WANTED.

DRAUGHTSMAN.—An experienced draughtsman wanted; careful workman, good at construction and details. Address, stating experience, testimonials and wages required, Joseph W. Northrop, Architect, Bridgeport, Conn. 886

WANTED.

SUPERINTENDENT.—Wanted, a first-class man to take charge of an office; must be well up in design, especially on houses and pen-and-ink perspective; to the right man, a good salary and a year's engagement is offered. Address F. D. Orff, 705 Lumber Exchange, Minneapolis, Minn. 887

WANTED.

PARTNERSHIP.—An architect of fourteen years' experience (for the past five years having had an office of his own) desires to form a partnership with an architect. He is No. 1 in detail and construction. Would prefer the outside work of the office. Address "American," care of *American Architect*. 892

WANTED.

FOREMAN.—Wanted, foreman cabinet-maker, well up in all the branches of the trade and machinery, competent to figure cost of work from plans and to have thorough control over the workmen. A desirable position is offered to the right man. F. J. Sarmiento & Co., Detroit, Mich. 886

TO ARCHITECTS.

FRANCIS H. CRUESS, architectural artist; address, 206 North Second Street, Harrisburg, Pa.; perspectives rendered either in color, monochrome or pen-and-ink; specimens. t.f.

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ARCHITECTURAL PERSPECTIVE drawings and efficient temporary assistance by a staff of first-class designers, draughtsmen and colorists. Address Secretary, Guild of Artists, Rooms 39 and 40, 430 Walnut Street, Philadelphia, Pa. t.f.

ARCHITECTS' REMOVALS.

FRANCIS L. ELLINGWOOD and Wainwright Parish have formed a partnership for the practice of architecture, under the firm name of Ellingwood & Parish, 57 Broadway, New York City. 887

JAMES F. RICHARDSON, JR., has removed to Clifton Hotel Building, Ottawa, Ill., and desires catalogues and samples from dealers in building supplies. 8-7

JOHN P. BRENNAN has removed from the Bank of Commerce Building to Lewis Block, Pittsburgh, Pa. 887

RIDDLE & KEVIN have removed from the Standard Building to Lewis Block, Pittsburgh, Pa. 887

A. W. PEENE has opened an office in Wentworth Chambers, Hamilton, Ontario, Canada. 886

F. E. KIDDER has removed his offices from the Barth Block to 1362 California Street, Denver, Col. 886

LAUNDRY "OAKD" MACHINERY.

HOTEL and INSTITUTION WORK CAREFULLY HANDLED.

ESTABLISHED 1861. Send for Catalogue. OAKLEY & KEATING, 40 Cortlandt St., New York.

ARCHITECTS' REMOVALS.

C. M. BARTBERGER has formed a copartnership, under the name of Bartberger & East, and removed to the Westinghouse Building, Pittsburgh, Pa. 886

W. M. POINDEXTER has removed to 1320 F Street, N. W., Washington, D. C. 886

BUILDING PATENTS.

[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

486,724. Mitering-Machine. — Charles F. Marquard, Cleveland, Ohio.
486,733. Furnace-Damper. — David McCowatt, Chicago, Ill.
486,740. Swinging Jack for Window-Sashes. —Valentine Schirmer, New York, N. Y.
486,765. Sash-Operating Mechanism. — Harvey J. Casey, Durham, N. C.
486,782. Perspective-Gauge.—David C. Hunter, Chicago, Ill.
486,788. Sash-Holder.—Hubert S. Moore, London, England.
486,820. Electrical Annunciator.—Franklin S. Carter, Burlington, N. J.
486,830. Chimney-Cowl. — William J. Kayser, Milwaukee, Wis.
486,862. Steam-Heater. — John A. Flajole, Bay City, Mich.
486,865. Warm-Air Register. — Charles H. Foster, Omaha, Neb.
486,868. Gutter-Protector. — John Gogerty, Decatur, Ill.
486,870. Composition for Wall-Coverings. — La Roy F. Griffin, North Granville, N. Y.
486,940. Stair-Curve. — Irenas J. Palmer, Olean, N. Y.
486,952. Hinge. — William S. Gillespie, Bath Beach, N. Y.
486,953. Means for Operating Elevator Doors.—Robert W. Hare, Allegheny, Pa.
486,975. Door-Spring. — Charles Koon, Whiting, Iowa.
486,982. Fireproof Ceiling. — George Hayes, New York, N. Y.
486,990. Furnace.— Horace K. Tallmage, Buffalo, N. Y.
487,071. Shutter-Worker. — Charles Hottes, Dayton, Ohio.
487,104. Elevator. — Jules H. Tardy, Glencoe, Minn.
487,106. Bench-Dog. — Columbus A. Wayland, Middlesborough, Ky.
487,123. Bit-Brace. — Andrew Knudsen, Tusson, Arizona.
487,124. Upright Tubular Steam-Boiler. — Truekson S. La France, Elmira, N. Y.
487,130. Urinal Attachment. — George Schoen, New York, N. Y.
487,131. Sash-Holder. — Irvin A. Shaw, Kinsley, Kansas.
487,153. Latch.—Claus Orth, Grand Rapids, Mich.
487,166. Lath.—Squire Toney, Viroqua, Wis.
487,172. Sheet-Metal Roof. — Louis H. Britton, New Lisbon, Ohio.
487,192. Attachment for Heating Apparatus. — Judson Moak, Utica, N. Y.
487,206-207. Faucet and Bushing. — Mark Anthony, Berkeley, Cal.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING DECEMBER 9, 1893.

From Antwerp. — Steamer "*Noordland*," 25 girders, R. F. Downing & Co.; 289 girders, Brown Bros. & Co.; 3,695 barrels cement, 167 beams, order. Steamer "*Nederland*," 100 iron girders, Brown Bros. & Co.; 1,500 barrels cement, 150 iron beams, order.

From Boulogne. — Steamer "*Schiedam*," 15 barrels cement, Hart & Berg.

From Bremen. — Steamer "*America*," 26 cases fire-bricks, 5 packages do., American Stamping Co.

From Colon. — Steamer "*Colombia*," 61 logs mahogany, W. L. Rathburn & Co.

From Glasgow. — Steamer "*State of Nebraska*," 2 blocks stone, G. P. Sherwood; 12 cases granite, Brown & Magoun; 53 do., Austin, Baldwin & Co.; 6 do., Davidson & Sons; 17 do., New York Granite Co.; 6 do. T. Phillips & Son; 25,000 bricks, 23 packages do., order.

From Hamburg. — Ship "*Union*," 1,080 barrels cement, Buetjer & Meyerstein; 500 casks do., Gabriel & Schail.

From Liverpool. — Steamer "*Nomadic*," 186 casks bricks, Howard Fleming.

From London. — Steamer "*Ludgate Hill*," 450 casks cement, C. J. Stevens; 500 do., 45 logs wood, order. Steamer "*Mohawk*," 26 barrels cement, R. Rossmann; 15 logs walnut, S. E. Hickey; 250 casks cement, order.

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See the first issue of the month for the following advertisements.

Brooks, Shoobridge & Co.
Bureau Bros.
Dubois Mfg. Co.
Esterbrook Pen Co.
I. P. Frink.
H. M. Hansen.
J. H. Hiller.
Lane Bros.
National Carving Company.
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J. B. Shannon & Sons.
Wm. Schwarz Mfg. Co.
E. Thiele.
A. B. & W. T. Westervelt.

IMPORTS OF BUILDING MATERIALS, Etc.

From Manzanilla. — Bark "*R. A. C. Smith*," 982 logs cedar, 713 do. mahogany, Thos. J. Owen & Co.; 862 do., Adams & Jimenes.

From Marseilles and Naples. — Steamer "*Massilia*," 5 blocks marble, order.

From Newcastle-on-Tyne. — Steamer "*Kolpino*," 2,240 casks cement, Bowring & Archibald; 45 cases glazed bricks, Chas. R. Weeks & Co.

From Palermo.—Steamer "*Stura*," 587 casks bricks, order.

From Rotterdam. — Steamer "*Winchester*," 1,000 casks cement, E. Thiele; 20 do., R. J. Godwin & Sons; 500 do., order. Steamer "*Maasdam*," 130 iron girders, Brown Bros. & Co.

From St. Jago. — Steamer "*Santiago*," 75 logs cedar, Jacob Henkel & Co.; 173 do. mahogany, C. F. Ferrer & Bros.

From Trinidad. — Steamer "*Alps*," 50 barrels asphaltum, Middleton & Co.; 1,000 tons do., order.

From Wawa, Honduras. — Schooner "*Rob Roy*," 580 logs mahogany, W. L. Rathburn.

From Wentworth, N. S. — Schooner "*Phœnix*," 650 tons plaster, W. H. Wotherspoon & Bro.

From Windsor, N. S. — Schooner "*Gypsum King*," 1,096 tons lump plaster, J. F. Whitney & Co. Schooner "*Wentworth*," 570 tons lump plaster, J. F. Whitney & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Ashbourne, Pa.—Addition and alteration to dwell.; architects, Hazelhurst & Huckel, Drexel Building, Philadelphia.

Brooklyn, N. Y. — *Pierpont St., Nos.* 153-157, 3 three-st'y brick stores, dwell. and factory, tin roofs, raised one story, six-st'y brick extension, gravel roof, added, internal and other alterations made; cost, $15,000; owner, E. C. Wilson, 7 Middagh St.; architects, J. G. Glover and H. C. Carrol, 186 Remsen St.

State St., n e cor. Henry St., four-st'y brick flat, tin roof, damage by fire to be repaired; cost, $7,500; owner, Mary L. Ward; architect, Wm. B. Tubby, 81

(*Continued on page* xvii.)

FACTS ABOUT

HARD OIL FINISH.

PRACTICAL DEMONSTRATION.

It has been our principal aim in the course of these papers to direct attention to the fact that Hard Oil Finish (the leading interior finish) was originated and is and always has been made solely by Berry Brothers; and also to warn Architects and others against the many worthless articles miscalled Hard Oil Finish, the use of which must almost inevitably result in ruining the job on which it is used.

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BUILDING INTELLIGENCE.

Fulton St., New York City; builders, M. Gibbons & Son, 322 Columbia St.

Camden, N. J. — *Kaighn's Ave., No.* 739, additions and repairs; owner, D. D. Butler.

Baxter and Seventh Sts., addition to frame building; owner, John Chadwick.

North Third St., No. 41, *rear*, alteration; owner, L. W. Frame, 41 North Third St.

Point and Elm Sts., brick addition to factory; owner, Wm. Day.

Lawrence St., e Third St., one-st'y brick addition; owner, F. M. Given.

Darby, Delaware Co., Pa.—About thirty rooms are to be added to the Thatcher Fruit Farm; owner, Henry Thatcher.

Hughesville, Pa. — Alterations and additions to dwell.; owner, J. R. Rishel; architects, Culver & Hudson, 234 West Fourth St., Williamsport, Pa.

New York, N. Y. — *West Ninety-fifth St., No.* 171, five-st'y brick flat, new elevator; cost, $4,000; owner, Thomas H. Wilcox, 705 De Kalb Ave., Brooklyn.

Park Ave., No. 635, six-st'y brick flat, internal alterations; cost, $4,000; owner, Nathaniel Witherell, 40 East Twenty-fifth St.; architect, J. A. Shedd, 20 Nassau St.

Broome St., No. 205, five-st'y brick flat, internal alterations; cost, $3,500; owner, Joseph R. Munter, 125 Walker St.; architects, Horenburger & Straub, 122 Bowery.

West Twenty-ninth St., No. 335, four-st'y brick flat, tin roof, raised one-half story higher, extension added, with other changes; cost, $10,000; owner, John H. Woods, 317 West Forty-sixth St.; architect, C. Powell Carr, 812 Lincoln Building.

Third Ave., No. 1255, four-st'y brick flat, extension and interior changes; cost, $3,000; owner, Jacob Brookman, 9 East Sixty-second St.; architect, John Hauser, 1441 Third Ave.

Tenth St., Nos. 299-303, four-st'y brick storage, raised about six feet, with other alterations; cost, $21,500; owners, Beadleston & Woertz, 291 West Tenth St.; architect, Otto C. Wolf, 540 Fifth Ave.

Bowery, Nos. 70-72, five-st'y brick storage warehouse, internal alterations; cost, $6,000; owner, Henry Astor; lessees, Garvey & Sides, 181 and 232 Vernon St., Brooklyn; architect, John B. Franklin, 121 West One Hundred and Eleventh St.

John St., Nos. 80-82, five-st'y brick storage, extension; cost, $10,000; owner, John Gardner estate, 37 St. Mark's Pl.; architects, Schneider & Herter, 48 Bible House.

Wall St., Nos. 50-52, two-st'y brick storage building, internal alterations; cost, $3,500; owner, James Pyle, 215 West Forty-fifth St.; architect, John Hauser, 1441 Third Ave.

Front St., No. 193, five-st'y brick store, extension and interior alterations; cost, $7,500; owner, Oliver Bartlett, 201 West Fifty-fifth St.; architect, Oswald Wirz, 822 Broadway.

Greenwich St., No. 372, five-st'y brick factory, raised to 70 feet, with internal alterations; cost, $4,500; owner, Max Ames, 319 West Fifty-seventh St.; architect, Wm. Graul, 215 Bowery.

West Twenty-eighth St., No. 225, five-st'y brick factory, extension and internal alterations; cost, $15,000; owner, W. C. Tuckerman, 59 Wall St.; masons, W. A. & F. E. Conover, 324 West Nineteenth St.

Tenth St., Nos. 283-289, six-st'y brick factory, raised to 90 feet, with interior alterations; cost, $12,000; owners, Beadleston & Woerz, 291 West Tenth St.; architect, Otto C. Wolf, 243 Fifth Ave.

Tenth Ave., Nos. 78-88, six-st'y brick factory, internal alterations; cost, $45,000; owners, New York Biscuit Co., 78-88 Tenth Ave.; architect, Hugh Getty, 274-280 Ninth Ave.

Pell St., n s, 260′ w Bowery, five-st'y brick factory, extensive alterations; cost, $3,000; owner, Ernest Plaith, 45 Buyard St.; architect, F. S. Blom, 4 East One Hundred and Thirty-second St.

Rivington St., No. 140, three-st'y brick workshop, extension and interior alterations; cost, $20,000; owner, F. Weinstraub, 140 Rivington St.; architect, Fred Ebeling, 3 First Ave.

Fifth Ave., Nos. 556-558, four-st'y brick clubhouse, extension and internal alterations; cost, $35,000; owner, Lotus Club, 150 West Eighty-third St.; architect, W. H. Hume, 1-3 Union Square.

Third Ave., No. 184, four-st'y brick dwell., extension and internal alterations; cost, $4,000; owner, John Pettigrew, Springfield, Mass.; architect, Oswald Wirz, 822 Broadway.

West Twenty-third St., No. 149, four-st'y brick dwell., extension and internal alterations; cost, $6,000; owner, W. R. Gillette, 24 West Fortieth St.; architects, Constable Bros., 22 East Sixteenth St.

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BUILDING INTELLIGENCE.

Park Ave., e s, *Sixty-seventh and Sixty-eighth Sts.*, three-st'y brick hospital building, extension and internal alterations; cost, $60,000; owner, Hahnemann Hospital, Park Ave. and Eighty-sixth St.; architect, Wm. H. Miller, Ithaca, N. Y.

West Fifty-first St., No. 111, two-st'y brick stable, raised to 39 feet and extension added; cost, $10,000; owner, Augustus D. Juilliard, 16 West Fifty-seventh St.; architect, Alfred Zucker, Union Square.

Ocean Grove, Monmouth Co., Pa. — Jno. M. Smith has bought the Sheldon House, and will probably make extensive alterations.

Philadelphia, Pa. — *Lehigh Ave. and Third St.*, seven-st'y addition to plant of Thomas Devlin & Co.; architect, Walter H. Geissinger, s w cor. Chestnut and Twelfth Sts.

Fourth St., e s, n Chestnut St., addition to Fidelity Building; builders, Samuel Hart & Sons, 1109 Fairmount Ave.

Addition to Maternity Hospital; contractor, William Murphy; architects, Culver & Hudson, 234 West Fourth St.

Centre St., n s, e Evans St., addition to two-st'y mill; builder, W. S. McNabb, 208 Mill St.

Levant St., Nos. 249-253, factory to be rebuilt; owner, A. H. Haig, 249 Levant St.

Walnut and Twentieth Sts., alterations and additions to dwell.; owner, Henry C. Lea; architects, Collins & Autenreith, 410 Walnut St.

St. Louis, Mo. — Two-st'y brick addition to factory; cost, $5,000; owner, Majestic Mfg. Co.; contractor, J. W. Bomes.

Three-st'y brick addition to dwell.; cost, $2,600; owner, J. W. Mertens; contractors, J. Quaute & Bro.

Five-st'y brick addition to store; cost, $4,000; owner, Merrill Drug Co.; contractor, Cook.

APARTMENT-HOUSES.

Boston, Mass. — *West Chester Park*, cor. Commonwealth Ave., Ward 22, six-st'y brick apartments and stores, flat roof, 53.6′ x 94.6′; owner, Albert Gieger.

Milton Ave., cor. Norfolk St., Ward 24, three-st'y frame apartments and store, flat roof, 42′ x 64′; owner, C. J. Belknap; builders, Whittaker & Gerrish.

Chicago, Ill.—Tony Zillins, two-st'y flats, 299 Washburn Ave.; cost, $6,000.

New York, N. Y. — *One Hundred and Thirty-eighth St.*, s w cor. Brook Ave., 2 five-st'y brick flats, metal roofs; cost, $50,000; owner, Louis Rohdenburg, 111 Water St.; architects, John B. Snook & Son, 12 Chamber St.

One Hundred and Thirty-seventh St., s s, 325′ e Willis Ave., 2 five-st'y brick flats, tin roofs; cost, $36,000; owner, William H. Lamphear, 5 Fifth Ave., Williamsburg; architect, John Hauser, 1441 Third Ave.

Monroe St., No. 34, *and Hamilton St., No.* 39, six-st'y brick flat, plastic slate roof; cost, $22,000; owner, Henry A. Allen, 39 West Twenty-sixth St.; architect, F. T. Camp, 114 Nassau St.

Eighteenth St., n s, 275′ w Tenth Ave., 4 five-st'y brick flats, terra-cotta roofs; cost, $92,000; owner, W. Rohrig, 355 West Forty-fourth St.; architect, John Hauser, 1441 Third Ave.

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BUILDING INTELLIGENCE.

Third Ave., five-st'y brick flat, tin roof; cost, $23,000; owner, Joseph Schreimer, 110 West One Hundred and Twenty-first St.; architect, John Hauser, 1441 Third Ave.

Columbia St., No. 117, five-st'y brick flat, tin roof; cost, $20,000; owner, Jacob Weinstein, 171 Madison Ave.; architects, Schneider & Herter, 48 Bible House.

East Eighty-second St., Nos. 510-512, 2 five-st'y brick flats, tin roofs; cost, $36,000; owner, Joseph Schreimer, 110 West One Hundred and Twenty-first St.; architect, John Hauser, 1441 Third Ave.

East Seventy-seventh St., Nos. 423-425, 2 five-st'y brick flats, tin roofs; cost, $36,000; owner, George Schreimer, 104 West One Hundred and Twenty-first St.; architect, John Hauser, 1441 Third Ave.

Seventy-seventh St., s s, 165′ e First Ave., 3 five-st'y brick flats, tin roofs; cost, $54,000; owner, George Schreimer, 104 West One Hundred and Twenty-first St.; architect, John Hauser, 1451 Third Ave.

Ridge St., No. 90, six-st'y brick flats, tin roofs; cost, $20,000; owner, Louis L. Richman, 143 Clinton St.; architects, Kurtzer & Rohl, cor. Seventh St. and Third Ave.

CHURCHES.

Brooklyn, N. Y.— *Elton St.*, e s, 100′ s Arlington Ave., one-st'y frame chapel, shingle roof; cost, $4,000; owner, Arlington Ave. Presbyterian Church; architect, A. McLean, 134 Ridgwood Ave.

Eagleswere, Pa.— Baptist mission church; architects, Culver & Hudson, 234 West Fourth St., Philadelphia.

St. Louis, Mo.— One-st'y brick and stone church; cost, $60,000; owners, St. Peter's Episcopal Church; contractor, Dan Evans.

FACTORIES.

Brooklyn, N. Y.— *Jay St.*, s e cor. John St., three-st'y brick manufactory, gravel roof; cost, $40,000; owner, Joseph Le Comte, 394 Vanderbilt Ave.; architects, Flemer & Koehler, 55 Broadway, New York City; builders, J. Kennedy & Son, 175 Front St.

Bridge St., n w cor. Willoughby St., five-st'y brick factory, tin roof; cost, $20,000; owner, A. Schierenbeck, 72 Hancock St.; architect, John T. Wachter, 141 Lefferts Pl.

Philadelphia, Pa.— Three-st'y brick factory, slag roof; owners, Geometric Drill Co.; architect, W. S. Plack, 1403 Filbert St.

Reading R. R., n s, Nicetown, three-st'y brick factory; owners, George W. Blabon & Co., 9 North Fifth St.

Tacony St., e s, n Duncan St., two-st'y brick factory; builders, R. C. Winnals & Bro., 1628 Margaretta St.

St. Louis, Mo.— Five-st'y brick factory; cost, $15,000; owner, Mrs. V. E. Hammer; contract, sub-let.

HOTELS.

Chicago, Ill.— E. D. Harrison, two-st'y hotel, 7366-7370 Bond Ave.; cost, $7,000.

Dauphin Park Co., three-st'y hotel, 8912-8924 Dauphin Ave.; cost, $25,000.

John Hamilton, two-st'y hotel, 822-826 Seventy-second St.; cost, $4,500.

HOUSES.

Baltimore, Md.—John A. Evans, 14 three-st'y brick buildings, w s Barclay St. and n s Second St., bet. York Road and Guilford Ave.

Justus Miller will build 2 two-st'y brick buildings, e s Central Ave., n Hoffman St.

Boston, Mass.— *Le Roy St.*, near Geneva Ave., Ward 24, frame dwell., 24′ x 43′; owner and builder, W. L. Libby.

Brown Ave., near Ashland St., Ward 23, frame dwell., 24′ x 45′; owner, Mrs. N. E Haley; builder, J. M. Kelley.

Bicknell St., near Harvard St., Ward 24, three-st'y frame dwell., 43′ x 51′; owner, C. C. Taft; builder, D. L. Sulis.

Puritan Ave., near Wales Pl., Ward 24, frame dwell., 23.6′ x 34.5′; owner and builder, G. L. Davidson.

Melvin St., near Athelwold St., Ward 24, two frame dwells., one gambrel roof, 20.4′ x 42.2′, and one pitch roof, 29′ x 32.6′; owner, J. P. B. Carleton; builder, Sidney Squires.

Brunswick St., near Dorchester Ave., Ward 24, two frame dwells., 24′ x 40′; owner, E. S. Babcock; builder, G. Babcock.

Belfort St., Nos. 32-34, two frame dwells., hip roofs, 22′ x 73.8′; owner, William Duff; builder, J. T. Chisholm.

Lyndehurst St., cor. Allston St., Ward 24, frame dwell., hip roof, 35′ x 39.6′; owner, J. C. Low; builder, J. M. E. Morrill.

Centre St., near Parker and Bickford Sts., Ward 22, 3 four-st'y brick dwells. and stores, flat roofs, 22′ x 64′ and 24′ x 56′; owners, C. K. Fay and G. Von L. Meyer, Trustees.

Clapp Pl., No. 8, Ward 24, frame dwell., 21′ x 25′; owner and builder, J. F. Smith.

Shuman St., near Washington St., Ward 23, frame dwell., 22′ x 38′; owner, Annie M. Lemmler; builder, Charles Lemmler.

Brent St., near Carlisle St., Ward 24, frame dwell., 28′ x 33′; owner and builder, William Peard.

Rockland Ave., No. 19, Ward 21, three-st'y frame dwell., pitch roof, 25′ x 52.6′; owner, Chas. G. Green; builders, Decker Bros.

Boylston St., near Egleston St., Ward 23, frame dwell., 27′ x 46.6′; owner, Michael Hogan; builder, J. F. Sullivan.

Bodwell St., near Bird St., Ward 20, frame dwell., 24′ x 38′; owner, W. McKechnie; builder, W. J. Jobling.

Howland St., near Elm Hill Ave., Ward 21, frame dwell., 30′ x 48′; owner and builder, H. A. Wood.

Rockville St., near Blue Hill Ave., Ward 24, frame dwell., 29′ x 29′; owner and builder, Abner Chute.

Maverick St., Nos. 211-213, Ward 2, 2 three-st'y frame dwells., flat roofs, 21.8′ x 42′; owner, Chas. McCarthy.

Washington St., near Kittredge St., Ward 23, 2 three-st'y frame dwells., flat roofs, 27′ x 42′; owners, Twenty-one Associates; builder, William Swanson.

Rowena St., near Bushnell St., Ward 24, frame dwell., 28′ x 46.6′; owner, H. M. Snell; builders, Whittaker & Gerrish.

Dacia St., near Dalmatia St., Ward 20, 2 three-st'y frame dwells., flat roofs, 23′ x 42′; owner and builder, W. Ballantyne.

Parker St., No. 659, *and rear*, Ward 22, 2 three-st'y frame dwells., flat roofs, 23′ x 36′ and 21.6′ x 35′; owner, Abraham T. Rogers; builder, Samuel Rantin.

Lawrence Pl., Nos. 4-13, four frame dwells., 29′ x 37′, 22′ x 22.6′ and 30′ x 31′; owner, L. A. Leland; builder, Christopher Leake.

Parley Vale, near Rockview St., Ward 23, frame dwell., 27.6′ x 40.5′; owner, John Wood; builder, John Sherman.

Paul Gore St., No. 38, Ward 23, three-st'y frame dwell., pitch roof, 25′ x 45′; owner and builder, Joseph Butley.

Westford St., near Raymond St., Ward 25, frame dwell., 29.6′ x 34.3′; owner, Mrs. H. C. Woods; builder, B. B. Jeffers.

Upham Ave., near Hancock St., Ward 24, two frame dwells., 24′ x 34′; owner, B. F. McKechnie; builder, W. J. Jobling.

Aldie St., near Athol St., Ward 25, frame dwell., 24′ x 32′; owner, Clarence Rice; builder, C. H. Hampton.

Brooklyn, N. Y.— *Utica Ave.*, s w cor. Carroll St., two-and-one-half-st'y frame dwell., shingle roof; cost, $4,000; owner, Paul P. Fehnmayer, 17 Rose St.; architect, J. J. Petee, 186 Remsen St.

Stockholm St., s s, 100′ e Hamburg Ave., 2 three-st'y frame dwells., tin roofs; cost, $4,500 each; owner, John Clement, 176 Stockholm St.

Prospect Pl., s s, 250′ w Underhill Ave., three-st'y brick dwell., tin roof; cost, $6,000; owner, Ann O'Connor, 26 Chapel St.; architect and builder, James O'Connor, 26 Chapel St.

Third St., n s, 250′ 10½″ e Eighth Ave., 3 three-st'y brick dwells., tin roofs; cost, $6,000; owners and builders, Allen Bros. & Co., Arbuckle Building; architect, S. M. Holden, Arbuckle Building.

Greene Ave., s s, 475′ e Grand Ave., 2 three-st'y brick dwells., tin roofs; cost, $15,000; owner, architect and builder, M. Byrne, 991 Classon Ave.

Marion St., n s, 200′ w Ralph Ave., 4 three-st'y frame dwells., tin roofs; cost, $5,000 each; owner and architect, George Damen, 44 Court St.

Troy Ave., w s, 100′ s Herkimer St., four-st'y frame dwell., tin roof; cost, $4,500; owners, architects and builders, W. R. Bell & Co., 185 Chauncey St.

Jefferson Ave., n s, 229′ w Ralph Ave., 4 two-and-one-half-st'y brick dwells., tin roofs; cost, $6,500 each; owner and architect, C. E. Palmer, 832 Jefferson Ave.

Bergen St., s s, 290′ e Classon Ave., four-st'y brick dwell., gravel roof; cost, $10,000; owner and builder, Hector Toulmain, 451 Gates Ave.

Ralph St., n s, 100′ w Knickerbocker Ave., 5 three-st'y frame dwells., gravel roofs; cost, $3,500 each; owner and builder, S. McCue, 299 Kingsland Ave.; architect, George Olsen.

Railroad Ave., e s, 103′ n Atlantic Ave., 2 three-st'y frame dwells., tin roofs; cost, $2,000 each; owner and builder, H. N. Acker, 177 Elton St.; architect, Chas. Infanger, 126 Van Siclen Ave.

Palmetto St., n s, 157′ w Hamburg Ave., three-st'y frame dwell., tin roof; cost, $3,200; owner, H. Brennan, 337 Central Ave.; architect, A. Herbert, 147 Broadway.

Railroad Ave., e s, 158′ e Atlantic Ave., 2 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner, H. N. Acker, 177 Elton St.; architect, Chas. Infanger, 126 Van Siclen Ave.

Schaeffer St., n s, 215′ e Evergreen Ave., 4 two-st'y frame dwells., tin roofs; cost, $2,800 each; owner, A. Gload, 1593 Broadway; architect, H. Vollweiler, 483 Hart St.

Elton St., e s, 178′ 5″ n Atlantic Ave., 3 three-st'y frame dwells., tin roofs; cost, $1,800 each; owner and builder, Fred Eiermann, 268 Schenck Ave.

Thames St., n s, 80′ e Vanderwent Pl., three-st'y frame dwell., tin roof; cost, $3,500; owner, L. Schreiber, 60 Grattan St.; architect, Th. Engelhardt, 905 Broadway.

Sugdam St., n s, 100′ w Hamburg Ave., 2 three st'y frame dwells., tin roofs; cost, $4,000 each; owner, Alois Dillmann, 170 Harman St.; architects, Brogglewirth Bros., 1151 Myrtle Ave.

Watkins St., w s, 175′ n Belmont Ave., three-st'y frame dwell., tin roof; cost, $6,000; owner, S. Wolf, Belmont Ave., near Osborne Ave.; architect, Louis Danaecher, 31 Watkins St.

(*Continued on page* xx.)

FIREPROOF BUILDINGS.

It is no longer necessary to urge the importance of making buildings fireproof. The public demands that they should be so constructed.

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BUFFALO, 119 Franklin St., Robert A. Keasbey, Agent.
WASHINGTON, 520 Thirteenth St., N. W., J. H. Corning, Agent.
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BUILDING INTELLIGENCE.

Stone Ave., e s, 200′ n Dumont Ave., 2 three-st'y frame dwells., tin roofs; cost, $6,000 each; owner, Abram Stone, Dumont Ave., cor. Stone Ave.; architect, Louis Danancher, 31 Watkins St.

Lexington Ave, n s, 75′ e Stuyvesant St., 5 four-st'y brick dwells., gravel roofs; cost, $10,000 each; owner and architect, H. Toulmain, 451 Gates Ave.

Eighteenth St., n s, 205′ e Fourth Ave., four-st'y brick dwell., tin roof; cost, $12,000; owner and builder, Geo. W. Campbell, 779 Greene Ave.; architects, S. W. & C. J. Dodge, 325 Grand Ave.

Eleventh St., n s, 222′ 10″ w Ninth Ave, 3 two-st'y brick dwells., tin roofs; cost, $4,500 each; owner, architect and builder, Chas. G. Peterson, 603 Seventh St.

Nichols Ave., e s, 160′ 9″ n Atlantic Ave., 2 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner, P. Devine, Crescent St.; architect, Charles Infanger, 126 Van Sicien Ave.

Moffatt St., n s, 100′ w Hamburg Ave., 14 two-st'y frame dwells., tin roofs; cost, $2,900 each; owner, J. B. Welter, 1058 Jefferson Ave.

Cumberland St., No. 129, four-st'y brick dwell., tin roof; cost, $9,000; owner, architect and builder, John McKeefey, 123 Claremont Ave.

Nineteenth St., n s, 75′ e Seventh Ave., 2 two-st'y frame dwells., tin roofs; cost, $2,000 each; owner, architect and builder, H. C. Bull, Blythebourne, L. I.

Twenty-second St., n s, 125′ e Sixth Ave., 12 two-st'y frame dwells., tin roofs; cost, $2,500 each; owner, Jas. A. Tucker, 314 Twenty-first St.; architects, I. D. Reynolds & Son, 363 Fulton St.

Wyona St., n s, 100′ e Sutter Ave., 15 two-st'y brick dwells., tin roofs; cost, $6,000 each; owner, Michael Whelan, 1835 Bergen St.; architect, Alex. Fowler, 592 East One Hundred and Thirty-seventh St., New York City.

Sixteenth St., n s, 97′ 10″ e Ninth Ave., 2 four-st'y brick dwells., tin roofs; cost, $13,000; owner and builder, P. F. Hynes, 137 Windsor Pl.; architect, Wm. M. Coots, 189 Montague St.

Bushwick Ave., s e cor. Cook St., 4 four-st'y frame dwells., tin roofs; total cost, $25,000; owner and builder, Jacob Manneschmidt, 906 Myrtle Ave.; architect, Th. Engelhardt, 905 Broadway.

Camden, N. J.—*Chestnut St.*, e Orchard St., 2 two-st'y brick dwells.; owner, Wm. Rose.

Kaighn's Ave., w Orchard St., four brick dwells.; owners, Moore & Co., Fourth and Main Sts.

Chester, Delaware Co., Pa.—Eight dwells.; owner, George S. Whittaker.

Cincinnati, O.—J. L. Oliver, two-st'y frame dwell., Kinney Ave.; cost, $2,700; architect, M. Fisher.

E. H. Huenfeld, two-and-one-half-st'y brick and stone double dwell., Hewitt Ave.; cost, $6,000; architects, Rieg & Marty.

John Doebele, two-and-one-half-st'y brick and stone dwell. and one-and-one-half-st'y stable, Sidney Ave.; cost, $5,500; architect, P. Pfeiffer.

John D. Gallagher, two-and-one-half-st'y brick and stone dwell., McMillan St.; cost, $5,000; architect, G. W. Drach.

Clements Kenning, four-st'y brick and stone dwell., Breman St.; cost, $10,000; architects, G. & A. Brink.

Eaglesmere, Pa.—Stone and shingle cottage for E. A. Rowley, Esq.; architects, Culver & Hudson, 234 West Fourth St., Williamsport, Pa.

Eddington, Buck's Co., Pa.—Forty dwells. will be built for employés by the new distillery company.

Fox Chase, Pa.—Stone and shingle dwell.; owner, Mr. Williams; architects, Hazelhurst & Huckel, Drexel Building, Philadelphia.

Frankford, Pa.—Dwell.; architect, Horace W. Castor, 4627 Penn St.

Germantown, Pa.—Three-st'y stone dwell., slate roof; owner, E. L. Harrington; architect, Albert W. Dilks, 1001 Chestnut St., Philadelphia.

Three stone cottages; architect, Lindley Johnson, Girard Building, Broad and Chestnut Sts.

Glen Arm, Md.—Charles J. Bonaparte, Baltimore, will build a dwell., to cost about $60,000.

Minneapolis, Minn.—J. M. Bartlett, two-st'y frame dwell., 2540 South Bryant Ave.; cost, $9,000.

W. Donaldson, two-st'y brick dwell., 801 Groveland Ave.; cost, $30,000; architects, Long & Keys.

Thos. Lowry, two-st'y brick dwell., 818 Groveland Ave.; cost, $18,000; architects, Long & Keys.

F. B. Long, two-st'y brick dwell., 807 Groveland Ave.; cost, $20,000; architects, Long & Keys.

J. M. Dam, two-st'y frame dwell., 1912 First Ave., s; cost, $8,000.

J. Wilcox, two-st'y frame dwell., 601 Sixth St., s e; cost, $11,000.

Nashville, Tenn.—Frame and stone dwell. for Jas. M. Wilcox, Jr.; architect, Lindley Johnson, Girard Building, Broad and Chestnut Sts., Philadelphia.

Philadelphia, Pa.—*Forty-third St.*, e s, s Ogden St., 8 three-st'y brick dwells.; owner, M. L. Peterman, 873 Brooklyn St.

Forty-ninth St., w s, s Aspen St., 5 two-st'y brick dwells.; builder, Wm. Bunch, Jr., 422 North Forty-first St.

Levick St., n s, w Shelbourne St., two-st'y brick dwell.; builder, J. B. Vanderslice, 3529 North Eighth St.

Church St., e s, n Washington St., two-st'y brick dwell.; builder, Thomas Rush, 4938 Mulberry St.

Homestead St., n s, e Tacony St., 2 two-st'y brick dwells.; builder, H. P. Castor, 5811 Torresdale St.

Neff St., e and w s, 22 two-st'y brick dwells.; owner, Harry Weekey, 1049 Belmont Ave.

Goal St., n s, 10 two-st'y brick dwells.; owner, Harry Weekey, 1047 Belmont Ave.

Second St., w s, s Clarkson St., two-st'y brick dwell.; builder, Lemuel Altemus, Olney.

Willow St., s s, s Harris St., 4 two-st'y brick dwells.; owner, Abram T. France, 1330 Sellers St.

BUILDING INTELLIGENCE.

Richmond St., w s, n Orthodox St., two-st'y brick dwell.; owner, Amos R. Crosta, 4536 Salmon St.

Wishart St., s s, e Kensington Ave., 10 two-st'y brick dwells.; builders, Quigg & McLinden, 303 East Indiana Ave.

Fairhill St., w s, s Somerset St., brick dwell.; builder, Robert Craig, 2821 North Sixth St.

Columbia St., No. 404, three-st'y brick dwell.; owner, Jno. A. Linden, 1706 Cadwallader St.

Dauphin St., n w cor. Twentieth St., 64 brick dwells.; owner, W. T. B. Roberts, n w cor. Twentieth and Dauphin Sts.

Fletcher St., n s, w Ninth St., two dwells.; owner, Eugene S. Davis, 2911 Diamond St.

Diamond St., s s, w Ridge Ave., 10 three-st'y brick dwells.; owner, W. F. Albrecht, Ridge Ave. and Diamond St.

Harmony St., w s, n Reed St., 12 two-st'y brick dwells.; owner, Michael E. O'Brien, 728 South Nineteenth St.

Suffolk St., s s, w Eighteenth St., three-st'y brick dwell.; builder, Thomas M. Welsh, 767 South Broad St.

Stewart St., e s, n Moyamensing Ave., 14 two-st'y brick dwells.; owner, Hugh McNeil, 1920 Passyunk Ave.

Exchange Pl., No. 126, two brick dwells.; builders, Hallahan Bros., 820 Christian St.

Belmont St., e s, n Monument Ave., three-st'y brick dwell.; builder, F. J Amweg, 42 Hale Building.

Wall St., s s, w Tackawanna St., four brick dwells.; builder, Thos. Rush, 4938 Mulberry St.

Chatham St., s s, 10 two-st'y brick dwells.; owner, Harry Weekey, 1047 Belmont Ave.

Coulter St., n s, w Wayne Ave., 2 three-st'y brick dwells.; builder, W. J. Gruhler, 46 Herman St.

York St., e s, s Oak Lane, three-st'y brick dwell.; builder, W. J. Gruhler, 46 Herman St.

Belfield St., e s, n Penn St., 6 two-st'y brick dwells.; builder, E. C. Leach, 4787 Hancock St.

Morton St., w s, n Washington Lane, 2 three-st'y brick dwells.; owners, C. R. Kohl & Bro., 45 Johnson St.

Church Lane, s s, e Belfield St., 6 three-st'y brick dwells.; owner, Thomas M. Seeds, 203 Race St.

Boyer St., e s, w Mill St., two-st'y brick dwell.; builder, Albert Hamilton, Chelten Ave. and Weiss St.

St. Louis, Mo.—Two-and-one-half-st'y brick dwell.; cost, $20,000; owner, Isaac Meyer; contractor, S. H. Hoffman.

Two-and-one-half-st'y brick dwell.; cost, $5,000; owner, H. C. Harkins; contract, sub-let.

Two-st'y brick dwell.; cost, $4,000; owner, A. Johnson; contractor, Johnson.

Two-st'y brick dwell.; cost, $3,000; owner and contractor, Xavier Meier.

Two-st'y brick dwell.; cost, $3,200; owner and contractor, I. Kuntz.

Three-st'y brick dwell.; cost, $4,500; owner and contractor, I. Kuntz.

Two-st'y brick dwell.; cost, $3,000; owner, E. W. Schulenburg; contractor, Wm. Popp.

Two-st'y brick dwell.; cost, $2,500; owner, E. R. Richards; contractor, J. Walters.

Four two-st'y brick dwells.; cost, $10,000; owner, T. J. Cornwell; contractor, J. Dunnaway.

Two-and-one-half-st'y brick dwell.; cost, $6,000; owner, H. T. Tegethoff; contractors, W. Paul & Son.

Two two-st'y brick dwells.; cost, $8,000; owner, Jos. Garborino; contractor, F. Menke.

Two-and-one-half-st'y brick dwell.; cost, $5,800; owner, F. Hermetta; contractor, Henke.

Two-and-one-half-st'y brick dwell.; cost, $5,500; owner, Afna Marks; contractors, Case & Boyd.

Two-st'y brick dwell.; cost, $3,200; owner, C. Kleika; contractor, H. Boehing.

Two-st'y brick dwell.; cost, $4,500; owner, J. T. Judd; contractors, P. Richers & Son.

Two-and-one-half-st'y brick dwell.; cost, $6,000; owner, H. Tegethoff; contractors, W. Paul & Son.

Two-and-one-half-st'y brick dwell.; cost, $7,000; owner, Mrs. M. W. Miller; contractor, L. C. Miller.

Two-st'y brick dwell.; cost, $2,500; owner and contractor, Jac. Fischer.

Two-and-one-half-st'y brick dwell.; cost, $4,500; owner, A. A. Schuermann; contractor, A. C. Dieke.

Two-st'y brick dwell.; cost, $2,900; owner, Robt. Moon; contractor, J. Dilschneider.

Two two-st'y brick dwells.; cost, $7,000; owner, Jno. Ingram; contractors, Chapman & Thursby.

Two-and-one-half-st'y brick dwell.; cost, $5,500; owner, Mary Boemler; contractor, C. Boemler.

Two-st'y brick dwell.; cost, $6,000; owner, W. W. Kaime; contractors, Nicholson Bros.

Two-and-one-half-st'y brick dwell.; cost, $2,500; owner, Ph. Oswald; contractor, Geo. E. Neff.

Two-st'y frame dwell.; cost, $2,700; owner, Mrs. M. A. Caldwell; contractor, J. M. Neff.

Two-st'y frame dwell.; cost, $4,500; owner, Cath. Baird; contractor, A. J. Arnodt.

Worcester, Mass.—*John St. Place*, two-st'y frame dwell.; owner and contractor, J. P. Taber.

Park Ave., two-st'y frame dwell.; owner and contractor, W. Ford.

Millbury Ave., one-and-one-half-st'y frame dwell.; owner, Ladiee Lamaron; architect, D. S. Hopkins, Grand Rapids, Mich.; day work.

Dutton St., two st'y frame dwell.; owner, O. Darron, contractor, W. H. Joslyn.

Windsor St., two-st'y frame dwell.; owner, James Forssted; architects, Barker & Nourse; day work.

Catherine St., three-st'y frame dwell.; owner, Geo. R. Davis; contractor, L. M. Petterson.

Shrewsbury St., three-st'y frame dwell.; owners and contractors, Ward & Blanding.

Curtis St., three-st'y frame dwell.; owner and contractor, C. A. King.

Marston Way, two-st'y frame private dwell.; owner, B. H. Wright; contractor, W. R. Thompson, architects, Earle & Fisher.

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BUILDING INTELLIGENCE.

Accommodation St., two-st'y frame dwell.; owner, Miss Anna Ballard; contractor, W. R. Thompson; architects, Patston & Lincoln.

East Crystal St., three-st'y frame dwell.; owner, Mrs. Ellen M. Dwyer; contractor, H. L. Putnam.

Wachusett St., one-and-one-half-st'y frame dwell.; owner, James Stewart; contractor, C. A. Vaughn.

Germain St., two-st'y frame dwell.; owner and contractor, B. W. Stone; architects, Barker & Nource.

Wheeler St., two-st'y frame dwell.; owner, Thos. Cowen; contractor, A. J. Baron.

Tennyson Terrace, two-st'y frame dwell.; owner and contractor, J. D. Seasons.

Warwick St., one-and-one-half-st'y frame dwell.; owner, J. S. Perry; contractor, Wm. O. Burns.

Southgate St., three-st'y frame dwell.; owner, W. Preece; contractors, Jenkins Bros.

Park Ave., two-st'y frame dwell.; owner and contractor, W. Ford.

OFFICE-BUILDINGS.

Cincinnati, O.—Wm. Goodale, brick and stone office-building, Ninth St.; cost, $4,000; architect, G. W. Rapp.

PUBLIC BUILDINGS.

Lumpkin, Ga. — The building of a brick court-house, to cost about $25,000, is contemplated.

SCHOOL-HOUSES.

Chicago, Ill. — Board of Education, two-st'y school-house, 7145-7150 Ellis Ave.

I. H. Hepp, three-st'y school-house, 864 Armitage Ave.; cost, $6,000.

M. E. Church, two-st'y school and chapel, Fifty-third and Hosmer Sts.; cost, $3,000.

Gainesville, Fla. — Five school-buildings will be built in different parts of Alachua County by J. R. Eddini, contractor.

STABLES.

Boston, Mass. — *Temple St., rear*, cor. Keith Ave., Ward 23, frame stable, 16′ x 24′; owner, Catherine H. Cusack; builder, J. A. Rooney.

Grotto Glen Road, near Day St., Ward 22, brick stable, 22′ x 40′; owner and builder, Martin Kelley.

Rockwood St., rear, near Pond St., Ward 23, frame stable, pitch roof, 39′ x 77′; owner, S. C. Heald.

Anawan Ave., rear, near Allen St., Ward 23, frame stable, 20.2′ x 24.2′; owner, F. L. Smith; builders, Sittig Bros.

Dorchester Ave., No. 1125, Ward 24, one-st'y frame store, flat roof, 25′ x 30′; owner, A. J. Sullivan; builder, Henry A. Verg.

Josephine St., rear, near Geneva Ave., Ward 24, one-st'y frame stable, gambrel roof, 20′ x 28′; owner and builder, H. J. McNabb.

Brooklyn, N. Y.—*Waverly Ave., Nos.* 43 and 45, two-st'y brick stable and workshop, gravel roof; cost, $8,000; owners, Cornis & Eraus, on premises; architect, R. L. Denis, 26 Court St.

New York, N. Y. — *One Hundred and Forty-fourth St.*, s s, 185′ e Third Ave., three-st'y brick stable, peak, slate roof; cost, $4,200; owner, Geo. H. Shutts, 2637 Third Ave.; architects, Harman & Horenburger, 682 East One Hundred and Fifty-ninth St.

First Ave., n w cor. Thirty-first St., two-st'y brick stable, gravel and tar roof; cost, $14,000; owner, Marion D. Carrère, New Brighton, S. I.; architects, Carrère & Hastings, 4446 Broadway.

Worcester, Mass.—*Mayfield St.*, one-st'y frame stable; owner, A. Whittemore; contractors, Lackey & Peters.

Dewey St., one-and-one-half-st'y stable; owner, W. Robertson; contractor, C. A. Stone.

STORES.

Brooklyn, N. Y. — *Hamburg Ave.*, n w cor. Madison St., and *Hamburg Ave.*, s w cor. Woodbine St., 2 three-st'y frame stores and dwells., tin roofs; cost, $6,000 each; owners, architects and builders, E. F. Wilder and C. Brunger, 1200 Madison St.

Second Ave., n w cor. Fifty-eighth St., three-st'y frame store and dwell., tin roof; cost, $5,000; owner, C. Duffy, 564 Fifth Ave.; architects, H. L. Spicer & Son, Third Ave. and Fifty-third St.

Chicago, Ill.—Henry Kraft, two-st'y store and hall, Diversy and Laurel Sts.; cost, $3,000.

Jane Brower, two-st'y store and flats, 7101 Woodlawn Ave.; cost, $3,000.

E. Carlson, two-st'y store and flats, 7217 Webster Ave.; cost, $5,500.

John Minnecinni, three-st'y store and flats, 2107 West Van Buren St.; cost, $7,000.

Delamater & Co., 9 three-st'y stores and flats, Sixty-fifth St. and Cottage Grove Ave.; cost, $55,000

Frank Stoye, four-st'y store and flats, 515 Hastings St.; cost, $9,000.

Thomas Rohner, three-st'y store and flats, 1314 West Twenty-first St.; cost, $6,000.

F. B. Clarke, 5 four-st'y stores and flats, 645-655 Fifty-fifth St.; cost, $65,000.

Fred Howard, 2 two-st'y stores and flats, 684-686 Forty-third St.; cost, $10,000.

John A. Lyon, four-st'y store and flats, 4118 State St.; cost, $11,000.

Fred Schuber, 2 four-st'y stores and flats, 895-897 Halsted St.; cost, $10,000.

Capt. Shippy, store, 770 Sixty-ninth St.; cost, $6,000.

P. F. & C. L. Munger, 2 three-st'y stores and flats, 6203-5205 Lake Ave.; cost, $25,000.

Henry Boesculberg, three-st'y stores and flats, 357 North Wood St.; cost, $7, 00.

F. Goldan, 3 three-st'y stores and flats, 240-242 South Kedzie Ave.; cost, $13,000.

St. Louis, Mo.—Eight-st'y brick store; cost, $80,000; owner, Dr. Thos. O'Reilly; contractor, D. Sullivan.

Five adj. one-st'y br ck stores and offices; cost, $21,000; owner, T. T. Turner; contractor, J. F. Fitzgibbon.

TENEMENT-HOUSES.

Boston, Mass.—*Barton St., No.* 53, Ward 8, four-st'y brick tenement, flat roof, 27.6′ x 56′; owner and builder, A. Bilafsky.

Brooklyn, N. Y. — *Fortieth St.*, s s, 160′ w Fourth Ave., 6 four-st'y brick tenements, tin roofs; cost, $6,000 each; owner, Wm. Bowers, Flatbush, L. I.; architect, G. H. Madigan, 185 Chauncey St.

WAREHOUSES.

Baltimore, Md. — Louis Richwien will build two-st'y corrugated-iron warehouse, 2012 West Pratt St.

Brooklyn, N. Y. — *North Tenth St.*, s w cor. Berry St., two-st'y brick warehouse, gravel roof; cost, $11,000; owner, Tuttle & Bailey Mfg. Co., Tenth St., near Wythe Ave.; architect, A. Nammie, 35 Broadway, New York City.

Chicago, Ill. — Chapman Brothers, nine-st'y warehouse, 75-77 West Monroe St.; cost, $70,000.

Cincinnati, O. — Lewis Voight & Sons Co., four-st'y brick and stone warehouse, John St.; cost, $20,000; architects, Des Jardins & Hayward.

MISCELLANEOUS.

Athens, Ga. — The Athens Industrial Home will build a new building.

Brooklyn, N. Y. — *Harman St.*, n s, 325′ e Irving Ave., one-st'y frame glass-house, gravel roof; cost, $3,500; owner, John Dannenhofer, 58 Rutledge St.; architect, Th. Engelhardt, 905 Broadway.

Walton St., n s, 100′ e Morgan Ave., 2 two-st'y frame dwells. and shops, tin roofs; cost, $5,000; owner, M. Lumbattis, Stagg St. and Bushwick Ave.; architects, D. Acker & Son, 752 Broadway.

North Henry St., e s, 93′ s Meserole Ave., one-st'y frame foundry, felt and gravel roof; cost, $3,000; owner and architect, Chas. A. Miller, 128 Kent St.

Chicago, Ill.—John Barney, five-st'y medical school; 819-823 Harrison St.; cost, $50,000.

Merchants and Business Men's Club, 2 two-st'y club-houses, Seventy-second St. and Jeffery Ave.; cost, $5,500.

Fort Worth, Texas.—Plans have been prepared for the building of a three-st'y temple by the Masons.

Jacksonville, Fla.—The Board of Trade and others will build a three-st'y hall and office-building, to cost about $25,000.

New York, N. Y.—*Greenwich St.*, n e cor. Tenth St., seven-st'y brick storage, tin roof; cost, $40,000; owner, Wm. H. Ramsey, 14 West Sixtieth St.; architect, M. V. B. Ferdon, 265 West Thirty-fourth St.

Worcester, Mass. — *Grove St.*, 2 one-st'y ice-houses; owners and contractors, A. H. Sears & Co.

June St., two-st'y brick and stone carriage-house; owner, architect and contractor, J. A. Norcross.

June St., one-st'y greenhouse; owner, architect and contractor, J. A. Norcross.

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Bids will be received for the construction of the brick and carpenter work on the buildings of the Rumford Falls Sulphite Co., to be built at Rumford Falls, Maine. Plans and specifications can be seen at the office of the treasurer, H. J. Chisholm, 390 Congress St., Portland, Maine. Bids will be opened December 20, 1892. The company reserve the right to reject any and all bids. 886

Treasury Department, Office of the Supervising Architect, Washington, D. C., Dec mber 8, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 29th day of December, 1892, and opened immediately thereafter, for all the labor and materials required for the excavation and foundations for the United States Post-office building at Aurora, Ill., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Aurora, Ill. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Excavation and Foundations for the United States Post-office Building, Aurora, Ill.," and addressed to W. J. EDBROOKE, Supervising Architect. 887

Treasury Department, Office Supervising Architect, Washington, D. C., December 12, 1892. Decorative artists are hereby invited to submit, without expense to the Government, before 2 o'clock P. M. on the 10th day of January, 1893, for consideration, a sealed proposal, accompanied by full specification and the necessary colored scale drawings and designs, illustrating and describing all the decorative painting, etc., for the United States Government Building, World's Columbian Exposition, Jackson Park, Chicago, Ill., in accordance with the general drawings of the building and specification, copies of which may be had on application at this office or the office of the Superintendent of the building at Chicago, Ill. Each bid must be accompanied by a certified check for the sum of $500. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Decorative Painting for the United States Government Building, World's Columbian Exposition, Jackson Park, Ill.," and addressed to W. J. EDBROOKE, Supervising Architect. 887

Treasury Department, Office Supervising Architect, Washington, D. C., December 6, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 5th day of January, 1893, and opened immediately thereafter, for all the labor and materials required for the low-pressure, return-circulation, steam heating and ventilating apparatus, etc., for the United States Court-house, Post-office, etc., building at Helena, Arkansas, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Helena, Arkansas. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for the Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus for the United States Court-house, Post-office, etc., at Helena, Arkansas," and addressed to W. J. EDBROOKE, Supervising Architect. 886

Treasury Department, Office Supervising Architect, Washington, D. C., December 3, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 28th day of December, 1892, and opened immediately thereafter, for all the labor and material required for the approaches to the United States Court-house and Post-office building at Birmingham, Alabama, including pipe railing at area in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Birmingham, Alabama. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids or to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Approaches to the United States Court-house and Post-office building, Birmingham, Alabama," and addressed to W. J. EDBROOKE, Supervising Architect. 886

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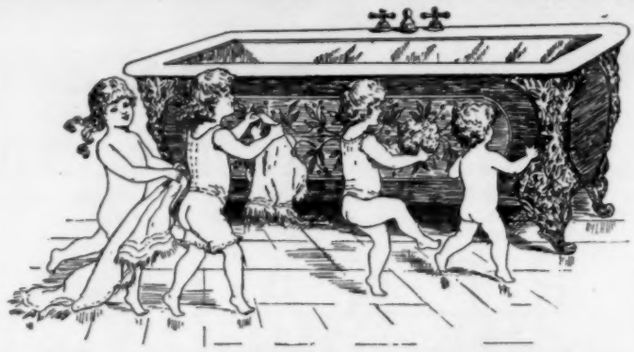

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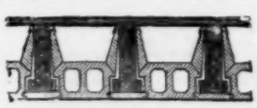
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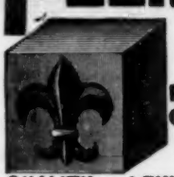

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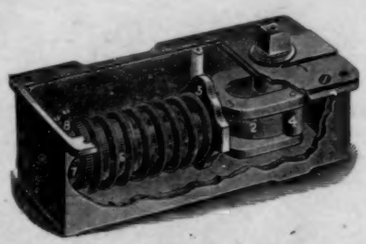

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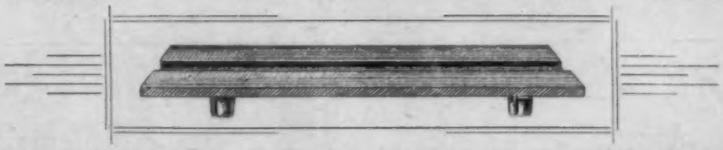

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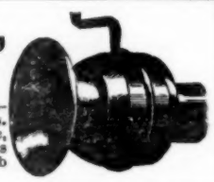

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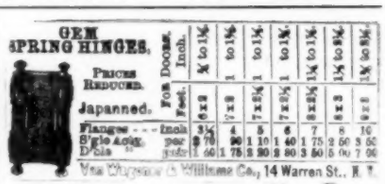

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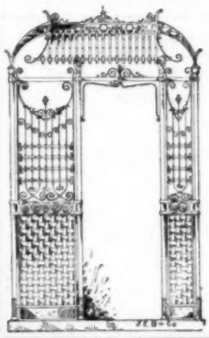

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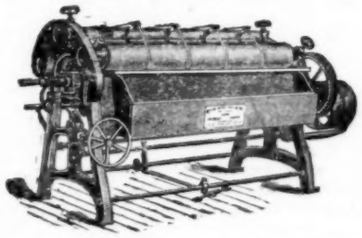

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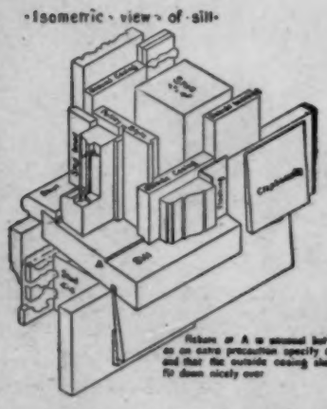

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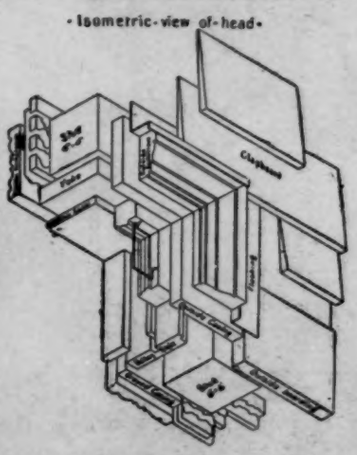

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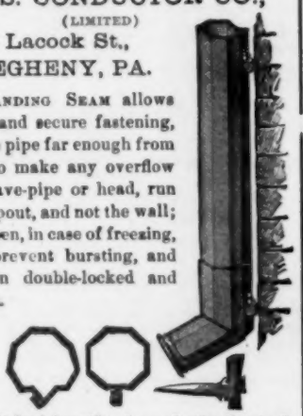

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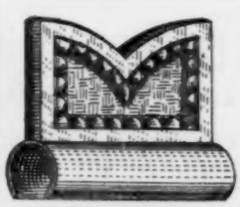

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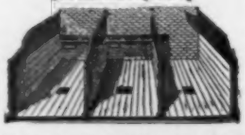

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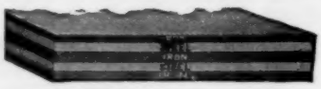

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Pale	1 75 @ 2 00	Eastern 9 00 @ 10 00	Building Brick @ 10 00	Sq. Hard @ 9 00
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Up River	4 00 @ 4 75			Sq. " @ 9 00
Haverstraw Bay 2d	4 75 @ 5 00	Domestic Com. 9 50 @ 10 00	Indiana Pressed 14 00 @ 20 00	Light Stretchers @ 10 00
" 1st	5 00 @ 5 25		St. Louis Fronts @ 27 00	Medium " @ 12 00
Hollow	@ 13 00	Domestic Face 20 00 @ 22 00		Red " @ 15 00
Fronts:				Dark " @ 13 00
Croton, Brown	@ 13 00	Philadelphia 40 00 @ 45 00		Pressed 18 00 @ 20 00
" dark	@ 14 00			Best Paving @ 14 00
" red	@ 14 00	Phila. mould 50 00 @ 80 00		Second " @ 13 00
Chicago pressed (Anderson)			15 00 @ 27 00	Third " @ 12 00
" Moulded			65 00 @ 350 00	
Baltimore	37 00 @ 41 00	Anderson 14 00 @ 32 00	@ 55 00	Dom. @ 65
Philadelphia	23 00 @ 24 00		45 00 @ 50 00	@ 85
Trenton	22 00 @ 23 00		45 00 @	
Milwaukee			25 00 @	
Moulded:			60 00 @ 100 00	
Glens Falls Red Pressed	@ 37 00		30 @	
" " Buff "	@ 30 00		35 @	
" " Moulded Red & Buff	45 00 @ 70 00		55 00 @ 65 00	
Enamelled: *Imp.*				
Enamelled (edge)	85 00 @ 100 00		@ 100 00	
Enamelled (edge and end)	90 00 @ 115 00		@ 120 00	
CEMENT, LIME, etc.—(₱ *cask.*)				
Rosendale Cement	85 @ 95	1 20 @ 1 40	*Not sold.*	1 30 @ 1 50
Louisville "		Brooks, S. & Co.	1 05 @ 1 30	BS&Co 2 75 @ 3 00
Utica, Akron, Buffalo, Milw'kee.	*Not sold.*	2 60 @ 3 00	1 00 @ 1 25	2 85 @ 3 25
Portland, English (Gibbs)	2 50 @ 3 00	2 60 @ 3 00	2 75 @ 3 25	2 85 @ 3 15
" " (K. B. & S.)	2 50 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	2 75 @ 3 00
" " Black Cross	2 25 @ 2 50	2 60 @ 3 00	3 00 @ 3 25	2 85 @ 3 15
" " (Burnham)	2 80 @ 2 80	2 60 @ 3 00	2 90 @ 3 15	2 75 @ 2 85
" " (White's)	2 65 @ 3 00	2 60 @ 3 00	3 00 @ 3 25	
" French (Lafarge)	3 60 @ 3 75	@ 5 00	3 75 @ 4 25	Hemmoor 2 50 @ 2 75
" German (Alsen)	2 90 @ 3 25	3 00 @ 3 50	@ 3 20	2 75 @ 2 85
" " (Fewer)	2 25 @ 2 40	3 15 @ 3 35	3 20 @ 3 40	
" " (Vorwohler)	2 50 @ 2 90	Cleopatra	@	Josson 2 60 @ 2 75
" " (Lagerdofer)	@	2 55 @ 3 00	2 75 @ 3 00	3 00 @ 3 25
" " (Dyckerhoff)	2 90 @ 3 25	3 00 @ 3 50	3 25 @ 3 50	2 75 @ 2 85
" " (Hanover)	2 50 @ 3 00		*Not sold.*	
" " Stettin, (Anchor)	2 35 @ 2 85		*Not sold.*	2 70 @ 3 00
" American (Saylor's)	1 75 @ 2 00	2 15 @ 2 50	2 75 @ 3 00	3 00 @ 3 50
Roman	2 75 @ 3 00	@ 3 00	2 75 @ 3 25	6 50 @ 7 00
Keene's coarse	5 75 @ 6 50	@ 6 00	6 00 @ 7 00	8 00 @ 9 00
" superfine	9 25 @ 10 25	@ 11 50	9 00 @ 10 50	
Lime:				White Lime ₱ bush
Lime of Teil	3 50 @ 4 00		*Not sold.*	25 @ 30
Hydraulic Lime	@ 1 45	@ 1 35		White Mash
Chicago Lime in bulk		St. John 1 00	55 @	1 25 @ 1 50
Wisconsin Lime			60 @	1 00 @ 1 00
Rockland and Rockport, (Com.)	@ 85	@ 1 05	*Not sold.*	
Rockland and Rockport, finish	@ 95	@ 1 10	*Not sold.*	
Kelley Island Lime, finish	@ 1 20	@ 1 20	1 00 bulk, 75c.	
State, com. cargo rates (nom.)	@ 85	*Not sold.*	*Not sold.*	*Not sold.*
State, finishing	@ 1 05	*Not sold.*	*Not sold.*	*Not sold.*
Plaster of Paris (calcined)	1 20 @ 1 25	1 85 @ 2 00	1 85 @ 1 90	1 50 @ 2 25
" (casting)	1 30 @ 1 35	@ 2 25	1 85 @ 1 90	1 75 @ 2 50
Hair (Cattle) ₱ bush	16 @ 18	25 @ 30	20 @ 25	20 @ 25
" (Goat)	21 @ 25	@ 30	30 @ 35	30 @ 35
Sand, ₱ load	1 00 @ 1 25	1 75 @ 1 50	@ 60	@ 1 50
STONE. (₱ *cubic foot, rough.*)				
Granite: (*Maine*)		@ 60		55 @ 65
Limestone:				
Bedford	45 @ 1 25	95 @ 1 00	50 @	75 @ 85
Joliet	@ 1 00		35 @ 55	Richmond
Lemont	@		35 @ 60	₱ 75 @ 1 00
Serpentine	@	10 50 per ton	@ 1 00	Perch 4 50 @ 5 50

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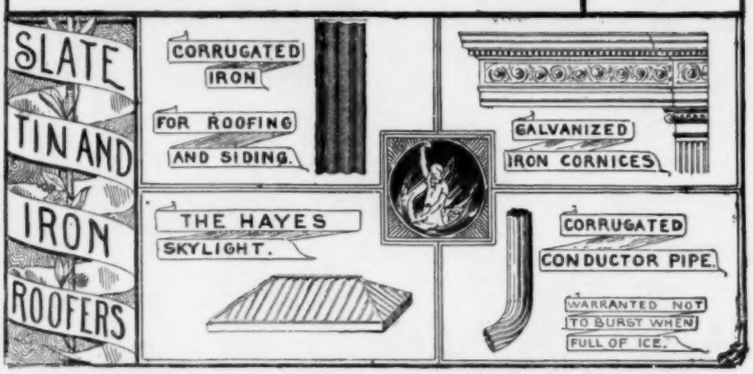

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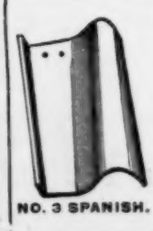
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Dimension	@	5 00 ℔ ton.	20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ *sq. ft.*)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in.th.10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 05
Kibbe	@ 90	90 @ 1 10	@	
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ sub. ft.	1 05 @ 1 25
Amherst Ohio	90 @ 95	90 @ 1 00	45 @ 50	85 @ 95
Berea "	75 @ 1 00	85 @ 90	45 @ 55	55 @ 75
Berlin "	75 @ 1 00	80 @ 90	55 @ 65	85 @ 95
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 00 @ 1 10
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 05 @ 1 15
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle. English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	95 @ 1 05
Marble: (℔ *cu. ft.*)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ *square*)		4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" green	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" purple	5 00 @ 6 00	10 00 @ 11 00	12 00 @ 14 00	1 50 @ 10 25
" red	@ 10 00	@	6 25 @ 6 85	325 @ 4 00
" black, Lehigh	4 25 @ 4 75	@	7 30 @ 8 00	00 @ 4 65
" " Chapmans	@	@	6 00 @ 9 00	5 50 @ 8 00
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	*Not Sold.*	@ 25 00
Tiles, Am ...℔ M	@	@	@	6 00 @ 6 75
N. Peach Bottom, warranted unfading	@	@		
PAINTS. (*In Oil* ℔ *lb.*)				
White lead, Am	7 @ 7½	7 @ 7½	7 @ 7½	@ 7½
" zinc, "	5 @ 8½	@ 8	5 @ 10½	@ 7
Red lead, Am	6½ @ 7	7 @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	70 @ 5 dry	63 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	8 @ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	55 @ 62	49 @ 50	57 @ 60	@ 60
" " boiled. (℔ gal.)	58 @ 65	52 @ 53	60 @ 63	@ 63
Turpentine (℔ gal.)	36 @ 37	@ 36	51 @ 51	@ 44
Varnish, coach (℔ gal.)	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac (℔ gal.)	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (℔ cwt.)	75 @ 1 00	1 @ 1½	1 @ 1½	½ @ 1
Paris white, (Eng.) (℔ cwt.)	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am (℔ cwt.)	5½ @ 6	7 @ 7½	6½ @ 7	@ 7½
Sienna (burnt) (℔ cwt.)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber " (℔ cwt.)	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 35 @ 3.50	per keg @ 2 25
10d. common	@ 2 60	@ 2 10	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 2 35	@ 2 60
Lath	@ 4 85	@ 3 40	@ 3 25	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $2.25	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask
Butts: 4" x 4" ...(℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish...(℔ pair.)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ *set.*)	@ 8	@ 8	8 @ 10	@ 08
Mineral, best	@ 50	@ 75	65 @ 80	*Not Sold.*
Lava	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Hemacite	@ 30	@ 10	25 @ 30	@ 25
Porcelain	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, solid	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Glass, silvered	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Bronze metal	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Brass	@	@ 7½	14 @ 16	13½ @ 16
Solder:	@	@ 6½	6 @ 7	@ 6½
Sheet Lead	@	@	5½ @ 6	6 @ 6
Lead Pipe	@	@		
Iron:				
I-Beams, up to and including 36 ft	3 3-10 @ 3½	@ 3 4-10	@	@ 2 8-10
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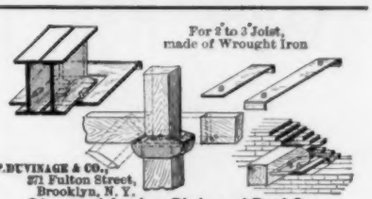

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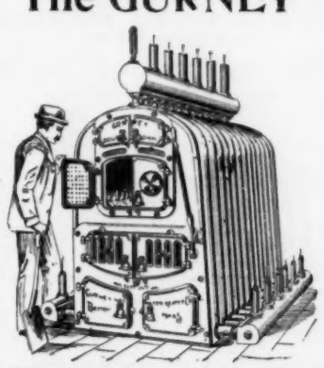

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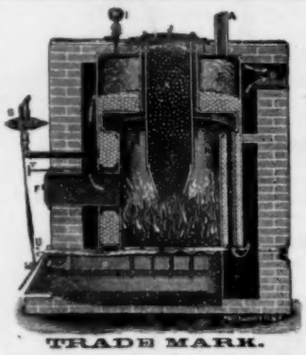

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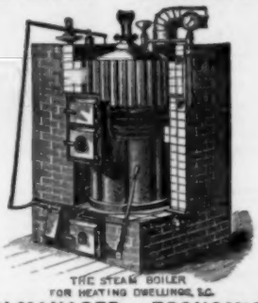

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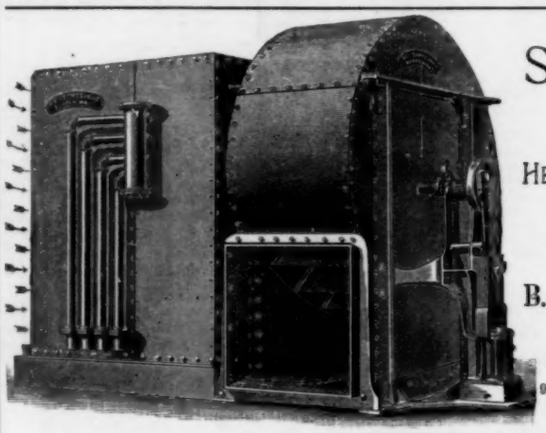

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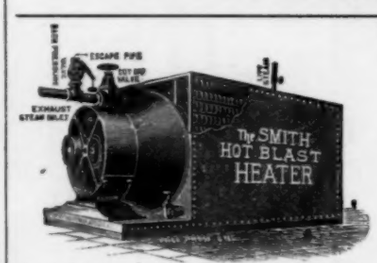

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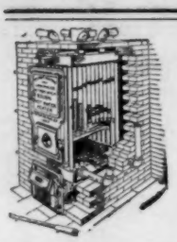

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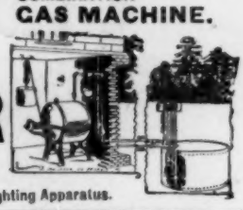

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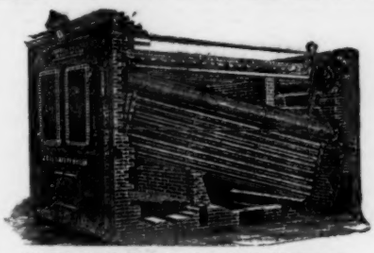

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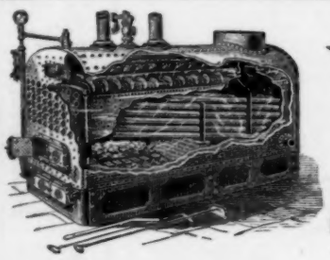

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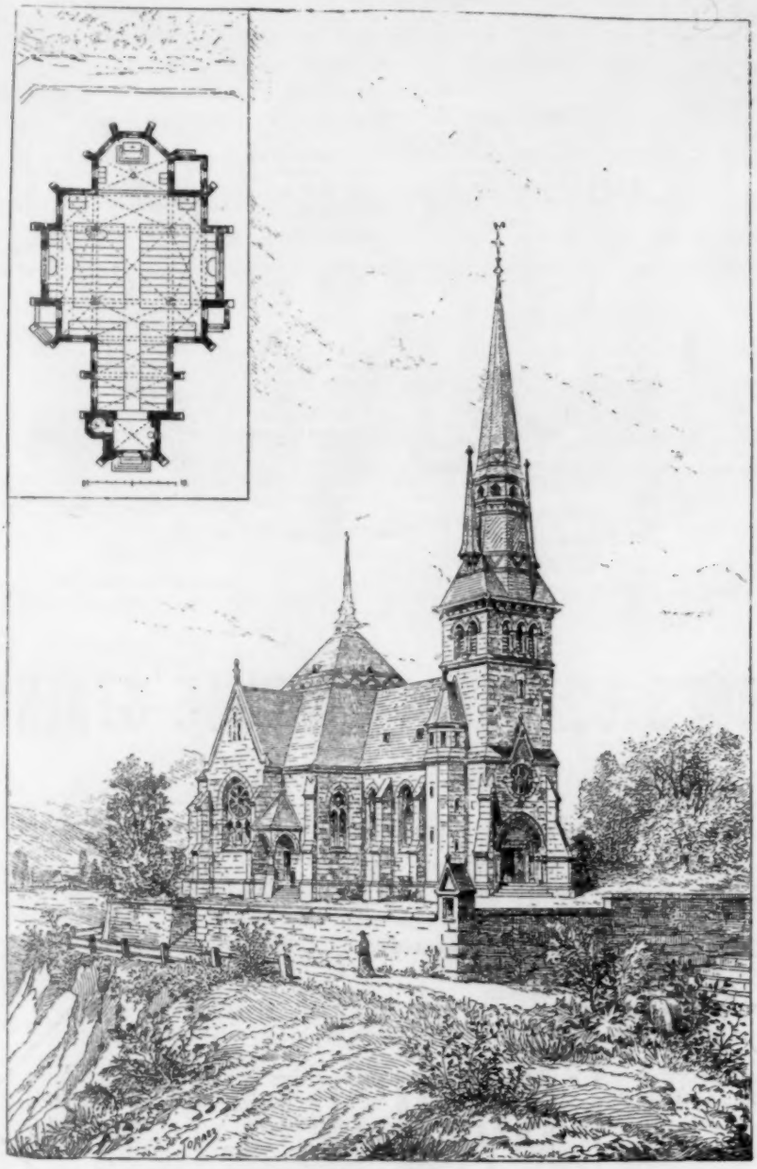

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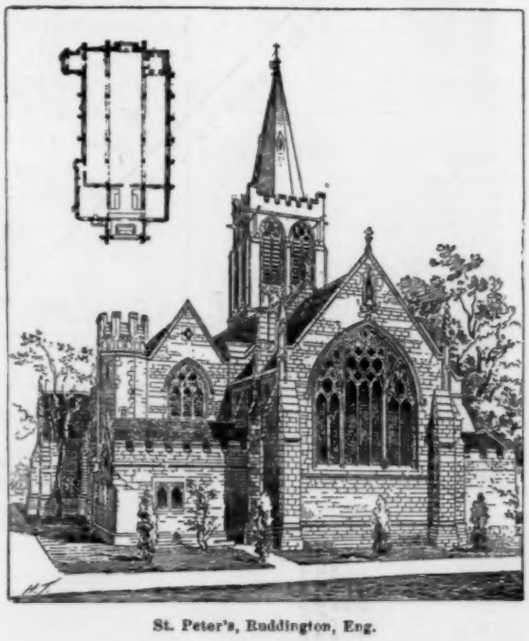

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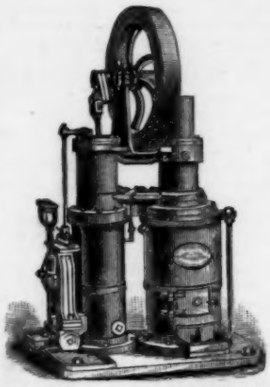

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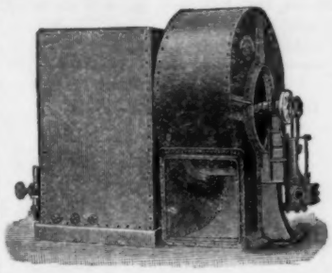

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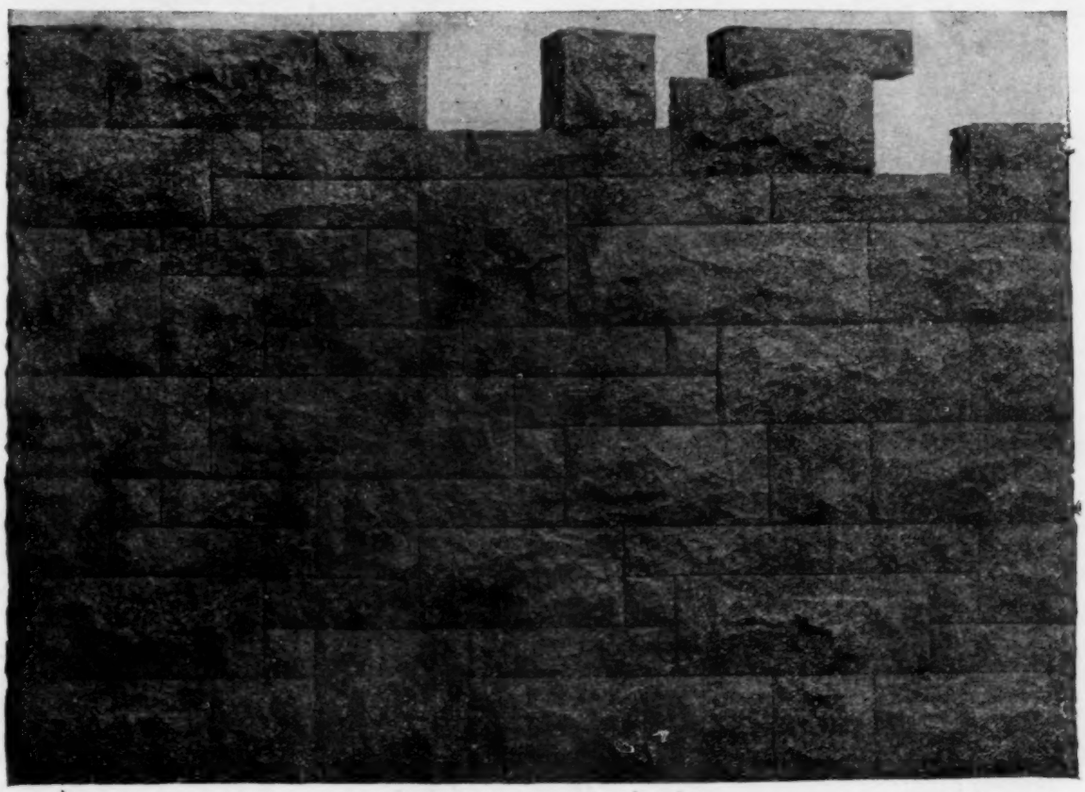

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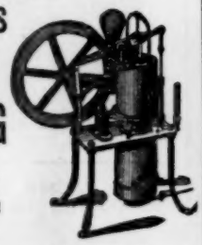

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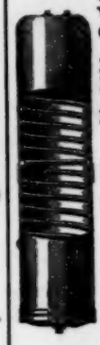

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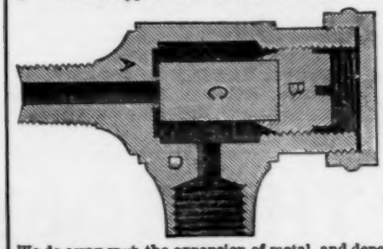

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New Advertisements.

ELECTRIC GAS LIGHTING CO. (Boston, Mass.), Electrical Appliances. Page xxi.

PERSPECTIVE DRAWING.

The *American Architect* Drawing-Office will undertake the preparation of perspective drawings in line or color from scale drawings, or will render drawings already in outline. Address the editors.

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ARCHITECTS' REMOVALS.

BRUCE & MORGAN have removed from the Gould Building to the Grant Building, Atlanta, Ga. 888

JAS. J. F. GAVIGAN has removed from 835 Broadway to 1248 Third Ave., corner of Seventy-second St., New York City. 888

W. T. PRYOR has opened an office at Houghton, Mich., and desires catalogues and samples of building materials. 888

CHARLTON & GILBERT of Marquette, Mich., have opened a branch office in the Descent Block, Superior, Wis. 888

FRANCIS L. ELLINGWOOD and Wainwright Parish have formed a partnership for the practice of architecture, under the firm name of Ellingwood & Parish, 57 Broadway, New York City. 887

JAMES F. RICHARDSON, JR., has removed to Clifton Hotel Building, Ottawa, Ill., and desires catalogues and samples from dealers in building supplies. 887

JOHN P. BRENNAN has removed from the Bank of Commerce Building to Lewis Block, Pittsburgh, Pa. 887

RIDDLE & KEVIN have removed from the Standard Building to Lewis Block, Pittsburgh, Pa. 887

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BUILDING PATENTS.

[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

487,266-268. ELEVATOR.—Frank E. Herdman, Indianapolis, Ind.

487,285. ELECTRICAL HEATER. — Willis Mitchell, Malden, Mass.

487,290. SASH-BALANCE.—Peter H. Niles, Topeka, Kansas.

487,300. STEAM-GENERATOR. — Wright D. Smith, Detroit, Mich.

487,314. FASTENER FOR THE MEETING-RAILS OF SASHES.—Clayton Wolcott, Hartford, Conn.

487,335. SASH-BALANCE. — Frank L. Rosentreter, Rochester, N. Y.

487,361. ROOFING-MACHINE. — William C. Bell, Syracuse, N. Y.

487,372. ROOFING PLATE OR SHINGLE. — Levi H. Montross, Camden, N. J.

487,406. ART OF CROWNING FLOOR-JOISTS AND APPARATUS THEREFOR. — Joseph Friedrichs, St. Louis, Mo.

487,416. KNOB ATTACHMENT. — Cromwell O. Case, New Britain, Conn.

487,448. JAIL.—David K. Osbourne, St. Paul, Minn.

487,453. DERRICK. — James E. Serrell, New York, N. Y.

487,464. SIPHON FLUSHING-TANK. — Thomas C. Beaumont, New York, N. Y.

487,470. FIREPROOF STAGE-CURTAIN. — Henry S. Cockrill, Baltimore, Md.

487,476. HINGE. — Friedrich A. H. Faulhaber and Christoph F. Koch, Schwabisch Hall, Germany.

487,521. AUTOMATIC DAMPER FOR FURNACES, ETC.—David W. Glendinning, Denver, Colo.

487,548. STABLE-GUTTER.— Albert G. Wilbor, Jr., Chicago, Ill.

487,570. SASH-CORD FASTENER. — Margaret J. Hufman, Ashland, Pa.

487,576. ELEVATOR. — Lucas M. Kuehn, Wabasha, Minn.

487,582. SUBSTRUCTURE.—Samuel A. Oliver, Houston, Texas.

487,585. COVERING FOR BUILDINGS. — Marx P. Schetzel, San Francisco, Cal.

487,606. COATING SURFACES WITH PLASTIC MATERIAL.—Melvin B. Church, Grand Rapids, Mich.

487,614. FILTER.—Warren R. Evans, Portland, Me.

487,620. HOT-WATER HEATER. — Michael E. Herbert, St. Joseph, Mo.

487,652. PAVING-BRICK. — Leslie C. Turley, Portsmouth, Ohio.

487,653. HEATING APPARATUS.— William H. Turner, Indianapolis, Ind.

487,671. BALL-COCK. — Gaylord S. Hunter, Pawtucket, R. I.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING DECEMBER 10, 1892.

From Antwerp.—Steamer "*Friesland*," 205 girders, Brown Bros. & Co.; 29 beams, 1,750 barrels cement, order.

From Bahia.—Steamer "*Nasmyth*," 3,656 logs Brazil wood, Brown Bros. & Co.

From Bristol. — Steamer "*Monomoy*," 1,000 casks bath bricks, Hammill & Gillespie.

From Cardenas.—Steamer "*Ask*," 55 barrels asphalt, 254 sacks do., order.

From Genoa.—Bark "*Battistina Razeto*," 85 blocks marble, G. Amsinck & Co.; 1,372 slabs do., Taber & Bros.

From Glasgow.—Steamer "*Siberian*," 4 cases granite, Davidson & Sons; 5 do., the Vermont Granite Co.; 6 do., R. F. Downing & Co; 63 barrels enamelled bricks, Chas. A. Weeks & Bros.; 23 cases granite, New York Granite Co.; 72 do., Austin, Baldwin & Co.

From Hamburg. — Steamer "*Russia*," 120 casks cement, R. F. Downing & Co.; 650 do., Gabriel & Schall; 60 logs ebony, W. H. Dawes & Co. Ship "*Wilhelm*," 1,120 barrels cement, order.

From Havana.—Steamer "*Ciudad Condal*," 90 bags asphaltum, H. W. Peabody & Co.

From Liverpool. — Steamer "*City of Chester*," 132 casks bricks, Brown Bros. & Co.; 158 do., Meeker & Carter. Steamer "*Naronic*," 235 casks bricks, Howard Fleming; 12 cases granite, Brown & McGowan.

From London. — Steamer "*Europe*," 840 casks cement. C. J. Stevens; 1,000 barrels do., order. Steamer "*Montezuma*," 500 casks cement, Hammill & Gillespie.

From Newcastle.— Steamer "*Coronilla*," 25,000 fire bricks, F. Hill; 25,000 do., 600 casks cement, Hammill & Gillespie.

From Nuevitas. — Schooner "*John I. Snow*," 837 logs cedar, Henry W. Partridge & Co.

From San Andreas. — Schooner "*A. D. Crosby*," 24 logs mahogany, W. L. Rathbun & Co.

From Stettin. — Steamer "*Polaria*," 50 bags fire cement, H. Marquardt & Co.; 2,500 barrels cement, order. Ship "*Mommsen*," 1,500 casks cement, Emil Kauter; 694 do., order.

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312 LINCOLN BUILDING, UNION SQ., NEW YORK.
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IMPORTS OF BUILDING MATERIALS, Etc.

From Vera Cruz. — Steamer "*City of Alexandria*," 7 logs mahogany, Graham Hinckley & Co. Steamer "*Roman Prince*," 214 logs cedar, order.

From Windsor, N. S.—Schooner "*Gypsum Prince*," 1,108 tons lump plaster, J. F. Whitney & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.]

ALTERATIONS.

Camden, N. J. — *Broadway*, below Kaighn's Ave., addition to brick factory; owners, National Colored Morocco Works.

Broadway, No. 1112, one-st'y addition to frame building; owner, F. Souder, 1112 Broadway.

South Sixth St., No. 1745, addition to frame dwell.; owner, W. H. Williams.

Philadelphia, Pa. — *Sansom St.*, n w cor. Juniper St., addition of office to the Hale Building; builders, B. Ketcham & Sons, 1020 Brown St.

Wayne, Delaware Co., Pa. — *Bloomingdale Ave.*, alterations to dwell.; owner, Chas. H. Eldridge; architects, Day & Coates, 910 Drexel Building.

APARTMENT-HOUSES.

Boston, Mass. — *East Newton St., Nos.* 88-106, Ward 18, 10 four-st'y brick apartments, flat roofs, 20.6' x 42'; owner and builder, M. A. Parsons.

Chicago, Ill.—E. C. Weeks, 2 three-st'y flats, 255-257 Sixty-sixth St.; cost, $12,000.

Henry Duller, four-st'y flats, 3139 Michigan Ave.; cost, $30,000.

C. F. Mayer, three-st'y flats, 289 Sedgwick St.; cost, $12,000.

N. J. Evans, 4 three-st'y flats, 1265-1269 West Congress St.; cost, $30,000.

Vojleck Motsavek, two-st'y flats, 1864 West Sixteenth St.; cost, $6,000.

(Continued on page xvii.)

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Mrs. M. Crandal, three-st'y flats, 4808 Evans Ave.; cost, $6,000.

Labelle Atzell, four-st'y flats, 254 Wells St.; cost, $4,300.

D. J. Murphy, 2 two-st'y flats, 1450-1452 Perry Ave.; cost, $11,000.

D. R. Wilson, 5 three-st'y flats, 288-290 Warren Ave.; cost, $25,000.

M. O. Freman, three-st'y flats and barn, 1893-1895 Monroe St.; cost, $6,000.

Lena Tolton, 2 two-st'y flats, 6224 Wabash Ave.; cost, $9,000.

E. Gance, two-st'y flats, 7131 Kinney Ave.; cost, $3,000.

Peters & Egler, two-st'y flats, 308-318 Homer St.; cost, $3,000.

Richard Schultz, 3 four-st'y flats, 429-433 Throop St.; cost, $18,000.

Hollett & Tisman, 2 two-st'y flats, 6947-6949 Wentworth Ave ; cost, $5,000.

C. E. White, two-st'y flats, 348 Fifty-sixth St.; cost, $4,000.

J. N. Bond, 2 three-st'y flats, 5471-5473 Lexington Ave.; cost, $12,000.

John Whertell, two-st'y flats, 6409 St. Laurence Ave.; cost, $4,000.

Gus. Johnson, two-st'y flats, 5640 Sangamon St.; cost, $5,000.

John Hart, three-st'y flats, 1157 North Clark St.; cost, $6,000.

Antonio Cuicio, three-st'y flats, 127 North Union St.; cost, $3,500.

A. L. Southworth, 4 two-st'y flats, 977, 978, 995, 1107 Ridgway Ave.; cost, $8,000.

James Waffael, 2 three-st'y flats, 5035 Calumet Ave.; cost, $30,000.

M. N. Burn, three-st'y flats, 5548 Wabash Ave.; cost, $9,000.

R. Colem, two-st'y flats, 6320 Ellis Ave.; cost, $5,000.

Henry Gosslin, 2 two-st'y flats, 2480-2482 Joseph St.; cost, $3,400.

Mrs. M. F. Dickman, two-st'y flats, 533 Sixty-first St.; cost, $7,000.

E. A. Baker, 2 two-st'y flats, 613-615 Chestnut St.; cost, $14,000.

M. J. Flaws, two-st'y flats, 629 Loomis St.; cost, $3,600.

William Ehrhardt, 2 three-st'y flats, 5535-5537 Jackson St.; cost, $20,000.

D. H. Hayes, four-st'y flats, Thirty-sixth St. and Ellis Ave.; cost, $25,000.

John Pritchard, two-st'y flats, 1218 Jackson St.; cost, $6,800.

Est. Mary Ann Jennings, three-st'y flats, 2921 Indiana Ave.; cost, $6,000.

H. J. Trumbull, 2 four-st'y flats, 1427-1429 Grace Ave.; cost, $35,000.

N. P. Seavern, three-st'y flats, 5743-5745 Princeton Ave.; cost, $17,000.

Robert Fitzgerald, two-st'y flats, 4444 Union Ave.; cost, $3,500.

H. Chittuck, two-st'y flats, 1722 Fifty-fourth St.; cost, $4,000.

Frank Wotana, two-st'y flats, 2002 Forty-seventh St.; cost, $3,400.

Carlson & Hallgren, 4 two-st'y flats, 6218-6220 South Morgan St.; cost, $6,000.

J. Brunkman, three-st'y flats, 5259 Princeton St.; cost, $10,000.

New York, N. Y.—*Tenth Ave.*, e s, 33′ 10″ n Thirty-second St., five-st'y brick flat, tin roof; cost, $20,000; owner, Henry Harburger, 400 West Twenty-eighth St.; architects, Thom & Wilson, 1267 Broadway.

Ninety-first St., n s, 80′ w Ninth Ave., five-st'y brick flat, tin roof; cost, $25,000; owner, Henry B. Helmke, 1 West Eighty-third St.; architect, Edward L. Angell, 94 Liberty St.

CHURCHES.

Boston, Mass.—*Leyden St.*, near Breed St., Ward 1, frame church, 28.4′ x 52′; owner, J. J. Williams; builder, W. J. Dowd.

Chicago, Ill.—Methodist-Episcopal Church, chapel, Seventy-fifth and Harvard Sts.; cost, $15,000.

Philadelphia, Pa.—*Manitua Ave. and Forty-first St.*, brick church, slate roof, for the Calvary Evangelical Latheran Church; architect, Isaac Pursell, 119 South Fourth St.

Seattle, Wash.—Stone and brick Presbyterian church, slate or metal roof; pastor, Dr. Alexander Allison; architects, Boyden & Taylor, 413 Walnut St., Philadelphia.

FACTORIES.

Chicago, Ill.—Albert Schmidt, two-st'y factory, 144-146 Twenty-second St.; cost, $5,000.

Shea Smith, eight-st'y factory, 18-20 Fourth Ave.; cost, $75,000.

Charles Kinersch, two-st'y soda-water factory and barn, 480-486 Twenty-ninth St.; cost, $13,000.

New York, N. Y.—*Vanderbilt Ave.*, e s, 135′ n One Hundred and Sixty-ninth St., one-st'y brick factory, gravel roof; cost, $5,500; owner, George Hey, e s Vanderbilt Ave., 300′ s One Hundred and Sixty-ninth St.; architect, Fred J. Miller, 727 East One Hundred and Sixty-third St.

West Fortieth St., No. 551, five-st'y brick factory, tin roof; cost, $12,000; owner, Caroline Smith, 369 West Forty-eighth St.; architect, John T. Brady, 525 East One Hundred and Eighteenth St.

Delancey St., Nos. 305-307, seven-st'y brick factory, tin roof; cost, $18,000; owner, Mark Ash, 91 Eighth St. and St. Nicholas Ave.; architect, Will A. O'Hea, 525 West One Hundred and Twenty-fifth St.

HOSPITALS.

Lebanon, Lebanon Co., Pa.—Plans have been prepared for hospital building; architects, Baker & Dallett, Philadelphia.

HOTELS.

Chicago, Ill.—Riggins Hotel Co., three-st'y hotel, 7353-7373 Bond Ave.; cost, $40,000.

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Boston, Mass. — *Heath St., No.* 364, Ward 22, three-st'y frame dwell., pitch roof, 27′ x 39′; owner, John Devine; builder, Samuel Rantin.

West Broadway, Nos. 354-356, Ward 13, 2 three-st'y frame dwells. and stores, 25′ x 60′; owner, Michael Haley; builders, Howard Bros.

West Broadway, Nos. 358-360, Ward 13, three-st'y frame dwell. and store, flat roof, 25′ x 60′; owner, Michael Haley; builders, Howard Bros.

Woodward St., Nos. 23-25, Ward 15, 2 three-st'y frame dwells., 21.3′ x 50′; owner and builder, H. S. Clark.

Centre St., near Wyman St., Ward 23, three-st'y frame dwell., hip roof, 25′ x 55.6′; owner, Mrs. Martin; builder, W. McDonald.

Hillside St., near opp. Pontiac St., Ward 22, three-st'y frame dwell., pitch roof, 25′ x 62′; owner, D. J. Crowley; builders, McNeil & McLean.

Dudley St., No. 15, Ward 21, three-st'y frame dwell. and store, 24′ x 42′; owner, J. B. Faunce; builder, F. X. Julien.

Lauriat Road, near unnamed st., Ward 25, three-st'y frame dwell., gambrel roof, 35′ x 52.11′; owner, F. O. Woodruff; builder, H. H. Hunt.

Saratoga St., Nos. 720-722, Ward 1, 2 three-st'y frame dwells., flat roofs, 21.6′ x 52′; owner and builder, J. B. Martin.

Prescott St., rear, near Cleveland St., Ward 1, frame dwell., 24′ x 40′; owner, H. H. Jordan; builder, G. W. Partridge.

Byron St., near junc. Saratoga St., Ward 1, frame dwell., 21′ x 30′; owner, C. H. Lynch; builder, W. Goodwin.

Lawrence Ave., No. 50, Ward 24, frame dwell., hip roof, 29′ x 41.6′; owner, Wm. Chipp; builder, E. M. Chapman.

Mountain Ave., near Lauriat Ave., Ward 24, three frame dwells., 28′x 33′, 16′ x 44′ and 24′ x 46′; owner, C. C. Mayberry; builder, Herman Drake.

Devon St., bet. Blue Hill Ave. and Warren St., Ward 21, frame dwell., 36′ x 39′; owner, Wm. Hoag; builder, J. H. Hall.

Florence St., near Ashland St., Ward 23, two frame dwells., 15′ x 39′; owner, Miss L. Strouge; builder, W. A. McLeod.

Falcon St., near Meridian St., Ward 1, frame dwell., 23′ x 45′; owner, Ada F. Pierce; builder, Louis A. Pierce.

Belgrade Ave., near Aldrich St., Ward 23, frame dwell., 24′ x 33′; owner, G. E. Jellison; builder, H. E. Jellison.

Johnson Ave., near Baker St., Ward 23, frame dwell., 18′ x 27′; owner and builder, G. A. Spear.

Falcon St., near Meridian St., Ward 1, frame dwell., 23′ x 46′; owner, G. W. Hargrave; builder, C. F. Hargrave.

Berwick Road, cor. Chiswick Road, Ward 25, frame dwell., 40′ x 40′; owner, G. A. Dexter; builder, W. A. Clapp.

East Second St., Ward 14, 2 three-st'y frame dwells., flat roofs, 22′ x 56′; owners and builders, Berry & Watson.

Welles Ave., near Washington St., frame dwell.; 26′ x 40′; owner, Mrs. F. W. Power; builder, G. W. Oliver.

Westville St., near Draper St., Ward 24, frame dwell., 22′ x 40.6′; owner, H. C. Towle; builder, W. Riley.

Shenandoah St., No. 12, Ward 24, one-st'y frame dwell., gambrel roof, 27′ x 25.6′; owner, H. T. Carruth; builder, Bradford Hamilton.

Winthrop St., Nos. 74 to 88, Ward 20, 8 three-st'y frame dwells., hip roofs, 20′ x 80.3′; owner, Emily L. Caldwell.

Ellett St., near Dorchester Ave., Ward 24, 2 three-st'y frame dwells., flat roofs, 24′ x 44.6′; owner, Mrs. J. O. Sullivan; builder, David Campbell.

Monument St., No. 67, *rear No.* 5, *on court*, Ward 3, three-st'y frame dwell., flat roof, 20.4′ x 55′; owner, P. O'Riordan; builder, John Hayes.

Bennington St., near Wordsworth St., Ward 1, 2 three-st'y frame dwells., flat roofs, 22′ x 32′; owner, Isabella F. Irving; builder, R. M. Irving.

Robeson St., near Forest Hill St., Ward 23, frame dwell., 42′ x 46′; owners, C. A. Russell and J. Alba Davis; builder, C. A. Russell.

Savin Hill Ave., near Grampian Way, Ward 24, frame dwell., 27′ x 41′; owner and builder, Isaac Schurman.

Unnamed St., bet. Dalmatia and Dewey Sts., Ward 20, three-st'y frame dwell., flat roof, 22′ x 38′; owner and builder, W. Donaldson.

Howland St., near Elm Hill Ave., Ward 21, frame dwell., 30′ x 44′; owner, Mrs. S. Van Noorden; builder, A. H. Allen.

Armandine St., No. 98, Ward 24, frame dwell., 28′ x 36′; owner, R. H. McDowell; builder, G. B. McDowell.

Townsend St., near Humboldt Ave., Ward 21, frame dwell., hip roof, 34′ x 41′; owner, Owen McCusker; builder, F. C. Morrill.

Norfolk St., near Evelyn St., Ward 24, frame dwell., 23.10′ x 33.10′; owner, Mrs. H. H. Knox; builder, David Currier.

Milton Ave., near Norfolk St., Ward 24, frame dwell., 22.3′ x 29′; owner, P. H. Goss; builders, J. A. Vickery & Son.

Monument St., rear, No. 67, Ward 3, 2 three-st'y frame dwells., flat roofs, 20.4′ x 55′; owner, P. O. Riordan; builder, John Hayes.

Freeport St., No. 238, Ward 24, three-st'y frame dwell. and offices, flat roof, 22′ x 40′; owner, F. A. Merriam; builder, John Bass.

Camden, N. J. — *Kaighn's Ave., No.* 270, two-st'y brick dwell.; owner, D. B. Kaighn.

Chicago, Ill.—Swedish Methodist Church, three-st'y home, 2940 Paulina St.; cost, $20,000.

N. J. Moore, two-st'y dwell. and barn, 5400 Ellis Ave.; cost, $20,000.

Frank I. Bennett, 4 three-st'y dwells., n e cor. Egerton Ave. and Sixty-first St.; cost, $26,000.

William G. Mather, two-st'y dwell., 7321 Luella Ave.; cost, $4,000.

George C. McKoy, two-st'y dwell., 5426 Madison St.; cost, $4,500.

Harvey Grace, 2 three-st'y dwells., 282-284 Park Ave.; cost, $17,000.

Sam Brown, Jr., four cottages, Claremont and Montrose Aves.; cost, $3,600.

Holly Beach, N. J.—Plans are being prepared for a two-and one-half-st'y frame cottage; for John Reese; architects, Bailey & Truscott, 138 South Fourth St.

Madison, Morris Co., N. J.—Two-and-one-half-st'y dwell.; owner, R. F. Ballantine.

Montreal, Can.—*St. Hubert St.*, four dwells.; architect, Gaudias Simard, 1585 St. Catherine St.

Morristown, Morris Co., N. J.—Two-and-one-half-st'y frame and stone dwell.; cost, abt. $15,000; owner, H. C. Howell.

Muncie, Ind. — The Ball Brothers Glass Mfg. Co. will build a large dwell. here.

New York, N. Y. — *Seventy-second St.*, s s, 73′ w Madison Ave., 4 four-st'y brick dwells., tin roofs; cost, $120,000; owners, Robt. W. Tailor, 12 East Tenth St., Joseph Agostine, 49 West Fifty-fourth St., and Wm. H. Tailor, 22 West Thirty-third St.; architects, Rose & Stone, 111 Broadway.

One Hundred and Fourteenth St., s s, 225′ e Lenox Ave., 6 three-st'y brick dwells., tin roofs; cost, $84,000; owner, Louis Wirth, 166 East Eighty-first St.; architect, John Hauser, 1441 Third Ave.

Philadelphia, Pa. — *Willow St.*, w s, s Chelten Ave., 14 two-st'y brick dwells.; owner, Albert E. Norton, 2425 Columbia Ave.

Parrish St., n s, w Twenty-second St., 5 three-st'y brick dwells.; owner, John M. Sharp, 1936 South College Ave.

Poplar St., s s, w Twenty-second St., 5 three-st'y brick dwells.; owner, John M. Sharp, 1936 South College Ave.

Warfield St., w s, s Wharton St., 10 two-st'y brick dwells.; builder, Porter Thompson, 2037 Filbert St.

Fitzwater St., No. 616, three-st'y brick dwell.; builder, W. W. Grubb, 8 South Twentieth St.

Second St. Pike, w s, n Levick St., three-st'y brick dwell.; builder, Jos. Ashby, Foxchase.

Yankirk St., n s, w Tulip St., three-st'y brick dwell.; builder, George W. Roberts, 3515 Yankirk St.

Green Lane, cor. Hamilton St., three-st'y brick dwell.; owner, Chas. C. Myers, 4500 Baker St.

Highland Ave., n s, bet. Twenty-eighth and Twenty-ninth Sts., three-st'y brick dwell.; builder, Martin Hetzel, 45 Church St.

Merrine St., w s, s Rocklank St., two-st'y brick dwell.; owner, Mahlon Smith, 2000 Lambert St.

Kensington Ave., e s, n Cambria St., 2 three-st'y brick dwells.; builder, Cornelius Keily, 2936 Ruth St.

Third St., w s, n Clarkson St., two-st'y brick dwell.; owner, Lemuel Altemus, Olney.

Oliver St., No. 1722, three-st'y brick dwell.; builder, James H. Rea, 1606 Fairmount Ave.

Mercy St., s s, e Front St., 15 two-st'y brick dwells.; owner, John P. Leonard, 812 North Twenty-seventh St.

Locust St., No. 1229, five-st'y stone dwell., slate roof; architect, Theophilus P. Chandler, Brown Bros.' Building, Fourth and Chestnut Sts.

Chestnut St., n s, w Forty-fourth St., three-st'y brick dwell.; owner, John G. Ruff, 619 Cherry St.

Forty-fourth St., w s, s Ludlow St., 9 two-st'y brick dwells.; owner, John G. Ruff, 619 Cherry St.

Penngrove St., n s, e Holly St., seven brick dwells.; owner, Jos. H. Virkler, 1008 Belmont Ave.

Margaret St., s s, w Gay St., 4 three-st'y brick dwells.; builders, Wright & Dager, 607 East Jefferson St., Roxborough.

McCallum St., s Carpenter St., three-st'y brick dwell.; builder, W. C. Mackie, Chestnut Hill.

Fearn St., e s, s York St., 5 two-st'y brick dwells.; owner, Jos. Murphy, 1633 South Twenty-first St.

Dauphin St., Nos. 427-429, 2 three-st'y brick dwells.; owner, A. C. Patterson, 2121 North Broad St.

South Sixth St., No. 714, four-st'y brick dwell.; builder, R. T. Prettyman, 1252 South Twentieth St.

South Broad St., No. 1822, three-st'y brick dwell.; owner, W. Patterson, 1411 South Twentieth St.

Diamond St., s s, e Thirty-first St., 2 three-st'y brick dwells.; owner, W. F. Albrecht, Ridge Ave. and Diamond St.

Spruce St., s s, e Broad St., five-st'y brick dwell.; builder, F. J. Amweg, 42 Hale Building.

Chestnut St., n s, e Thirty-sixth St., three-st'y brick dwell.; builder, F. H. Yodges, 3907 Aspen St.

Somerville, Mass.—*Cedar St., No.* 40, frame dwell., 45′ x 57′; owner, John McDonald; builders, Coon & Hall.

Jenny Lind Ave., frame dwell., 25′ x 46′; owner, Alex. W. Sprowl; builder, George E. Hutchins.

Thorndike St., frame dwell., 25′ x 28′; owner and builder, Charles Farnham.

Bowdoin St., frame dwell., 23′ x 40′; owner and builder, I. P. Rice.

Tufts St., cor. Dell St., frame dwell., 24′ x 54′; owner, C. H. Ramsdell; builder, O. G. Osgood.

Olive Ave., No. 8, frame dwell.; owner and builder, A. D. Rice.

Sycamore St., frame dwell., 29′ x 33′; owner, Jas. Williams; builder, W. H. Stevens.

(*Continued on page* xx.)

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BUILDING INTELLIGENCE.

Mansfield St., frame dwell., 22′ x 42.6′; owner, Julia Green; builder, Sylvester Woods.

Dartmouth St., frame dwell., 20′ x 42′; owner, Chas. W. Lyman; builder, Frank B. Norwood.

Unnamed St., frame dwell., 22.6′ x 54′; owner, Reuben Willis; builder, J. K. Ricker.

Alpine St., No. 37, frame dwell., 20′ x 24′; owner and builder, Chas. H. Legee.

Knapp St., frame dwell., 30′ x 30′; owner, M. J. Hickey; builder, A. M. Godfrey.

Francis St., cor. Cornwell St., frame dwell., 22′ x 44′; owner and builder, W. S. Glidden.

Burnside Ave., frame dwell., 24′ x 26′; owner and builder, D. J. Keltin.

Knapp St., frame dwell., 30′ x 45′; owner and builder, E. N. Hutchings.

Edmands St., three frame dwells., two 26′ x 36′; one 27′ x 47′, owner and builder, John Stackpole.

Campbell Park, frame dwell , 24′ x 35′; owner and builder, A. K. Lewis.

Medford St., near Central St., frame dwell., 27′ x 41′; owner and builder, Geo. E. Hutchins.

Elm St., opp. Jacobs St., frame dwell., 28′ x 32′; owner, Mr. Plummer; builder, D. E. Robbins.

Lee St., frame dwell., 24′ x 40′; owner, Annie L. Fletcher; builder, W. K. Fletcher.

Vallamont, Pa.—Brick and stone dwell.; for J. W. Chambers; architects, Culver & Hudson, 233 West Fourth St., Williamsport, Pa.

Washington, D. C.—Stone dwell.; for Hon. Wm. Stewart, of Nevada; architect, Lindley Johnson, Girard Building, Broad and Chestnut Sts., Philadelphia, Pa.

Williamsport, Pa.—Three-st'y brick and stone dwell.; for Thos. Lundy; architects, Culver & Hudson, 234 West Fourth St.

OFFICE-BUILDINGS.

Boston, Mass.—*Western Ave.*, nearly opp. Everett St., Ward 25, one-st'y frame office, shed and workshop, 28′ x 96′; owner, City of Boston; builder, D. M. O'Connell.

Mystic Wharf, rear of Chelsea Bridge, Ward 3, frame offices, 35′ x 70′; owner, Boston & Maine Railroad; builder, H. Bissell.

SCHOOL-HOUSES.

Chicago, Ill.—Board of Education, two-st'y schoolhouse, 5517 Blanchard St.; cost, $4,000.

New York, N. Y.—*Eighty-first St.*, n e cor. Avenue A, five-st'y brick school, tin and terra-cotta roof; cost, $190,000; owners, Mayor, Aldermen and Commonalty, City of New York; architect, C. B. J. Snyder, 1416 Grand St.

STABLES.

Boston, Mass.—*Nightingale St., rear*, near Bernard St., Ward 24, frame stable, gambrel roof, 22′ x 31′; owner, Mary A. Lindsey; builder, H. J. Rice.

BUILDING INTELLIGENCE.

Harvest St., rear, No. 57, Ward 15, frame stable, 26′ x 46′; owner, F. S. Gore; builder, J. G. Eaton.

Train St., rear, near Boutwell Ave., Ward 24, frame stable, 23′ x 39′; owner, Anastasia C. Hanley; builders, Spooner & Smith.

Seattle St., No. 25, *rear*, Ward 25, frame stable, hip roof, 18′ x 24′; owner and builder, D. H. McKay.

Thetford Ave., rear, near Norfolk St., Ward 24, one-st'y frame stable, 18′ x 22′; owner, G. A. Wyman; builder, H. B. Morehouse.

St. John St., No. 12, Ward 23, one-st'y frame stable, 26′ x 46′; owner, R. C. Imlee; builders, Wilson Bros.

West Selden St., rear, near Norton St., Ward 24, frame stable, 20′ x 25′; owner and builder, D. J. Sullivan.

Wales Pl., from Columbia St., *No.* 212, Ward 24, frame stable, 34′ x 61′; owner, S. F. Forbush; builder, R. Souther.

New York, N. Y.—*One Hundred and Thirteenth St.*, n s, 80′ w Fifth Ave., three-st'y brick stable, tin roof; cost, $15,000; owner, John McCarthy, 137 East One Hundred and Thirteenth St.; architect, Charles Rentz, 153 Fourth Ave.

Greenwich St., Nos. 704-706, four-st'y brick stable, tin roof; cost, $23,000; owners, Adler & Herman, 51 East One Hundred and Twenty-third St.; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.

Philadelphia, Pa.—*Mill St. and Belfield Ave.*, one-st'y brick stable; owner, Jno. C. Humphries, 4775 Belfield St.

Leiper St., w s, 8 Arrott St., one-st'y brick stable; builders, R. C. Winnais & Bro., 1628 Margaretta St.

Susquehanna Ave., s s, w Memphis St., one-st'y brick stable; builder, Jos. McNutt, 1855 Frankford Ave.

Cambria St., n w cor. Eighteenth St., one-st'y brick stable; owners, Neeley & McCormick, Twentieth and York Sts.

Josephine St., e s, n Church St., brick stable; builder, J. G. Campbell, 5000 Penn St.

Decatur St., s w cor. Honeysuckle Ave., one-st'y brick stable; owner, B. F. Wharton, 3501 Delaware Ave.

Tinicum Ave. and Seventy-seventh St., one-st'y brick stable; owner, Patrick Kelly, Seventy-seventh St. and Tinicum Ave.

Tyson St., w s, n York St., two-st'y frame stable; builder, H. G. Schultz, 2633 Germantown Ave.

Ruth St., No. 2945, two-st'y brick stable; builder, Thomas Williams, 2945 Rorer St.

Somerville, Mass.—*Fanning Ave.*, frame stable, 14′ x 16′; owner, Frederick Timpe; builder, J. A. Locke.

STORES.

Boston, Mass.—*Hancock St., Nos.* 60 to 70, Ward 24, frame store, 30′ x 48′; owner, B. F. McKechnie; builder, W. J. Jobling.

Brooklyn, N. Y.—*Wyckoff Ave.*, e s, 25′ s Trout St., three-st'y frame store and dwell., tin roof; cost, $5,000; owner, Paul Wesphal, 25 Wyckoff Ave.; architect and builder, J. L. Rostenchir, 421 Troutman St.

Harman St., s s, 275′ e Irving Ave., three-st'y frame store and dwell., tin roof; cost, $4,500; owner and builder, E. Augustine, 252 Himrod St.; architect, W. B. Wills, 504 Hart St.

Atlantic Ave., s e cor. Alabama Ave., two-st'y brick store and hall, tin roof; cost, $8,000; owner, J. W. Erreger, 2583 Atlantic Ave.; architect, A. J. Warren, 2581 Atlantic Ave.

New York, N. Y.—*Sixty-second St.*, s e cor. Amsterdam Ave., two-st'y brick store, tin roof; cost, $25,-

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BUILDING INTELLIGENCE.

000; owner, James Moore, 464 West Twenty-sixth St.; mason, Luke A. Burke, 51 Chambers St.

TENEMENT-HOUSES.

Boston, Mass.—*Cooper St., No.* 14, and *Bartlett Pl., Nos.* 5 and 6, Ward 7, five-st'y brick tenement and stores, flat roof, 30.0′ x 60′; owner, J. M. Rubovetz, *et als.*; builder, Isaac Weaver.

New York, N. Y.—*Fifth Ave.*, n w cor. One Hundred and Thirteenth St., 4 three-st'y brick tenements, tin roofs; cost, $45,000; owner, John McCarthy, 137 East One Hundred and Thirteenth St.; architect, Charles Rentz, 153 Fourth Ave.

Audubon Ave., e s, 26′ 11″ s One Hundred and Eighty-fifth St., four-st'y brick tenement, tin roof; cost, $10,000; owner, Fred. Kuhule, One Hundred and Sixty-fifth St. and Tenth Ave.; architect, F. S. Schlesinger, One Hundred and Sixty-second St. and Tenth Ave.

THEATRES.

Johnsburg, Elk Co., Pa.—A handsome theatre to be known as the Armstrong Opera House will be built at a cost of about $30,000.

WAREHOUSES.

Philadelphia, Pa. — *Riley St.*, n s, w Mitchell St., two-st'y brick warehouse; builder, Henry Wanklin, 440 Green Lane.

Huntingdon St., w s, s Lehigh Ave., one-st'y brick warehouse; owners, J. M. Buchannan & Bro., 1618 Vienna St.

Woodstock St., w s, n Berks St., three-st'y brick warehouse; builder, Jas. H. Young, 1902 College Ave.

MISCELLANEOUS.

Altoona, Blair Co., Pa. — Brick laundry building; for A. M. Cowen.

Boston, Mass. — *Fuller St.*, near Morton St., Ward 24, frame lavatory, 25′ x 40′; owner, E. C. Powers; builder, G. W. Oliver.

Rutherford Ave., nearly opp. Boston & Maine Railroad Co., frame sheds and offices, 60′ x 612′; owner, Boston & Maine Railroad Co.; builder, H. Bissell.

Brooklyn, N. Y.— *Putnam Ave., Nos.* 1077-1079, four-st'y brick tin workshop, tin roof; cost, $4,800; owner, S. G. Richards, 1464 Broadway; architect, E. Dennis, 115 Himrod St.; builder, Robert Moores, 1460 Broadway.

Myrtle Ave., n s, 102′ 9″ w Pearl St., five-st'y brick printing establishment, tin roof; cost, $12,000; owner, H. E. Roehr, 30 Myrtle Ave.; architect, Th. Engelhardt, 905 Broadway.

Camden, N. J.—*Emerald St., No.* 424, one-st'y shed; owner, M. E. Harden.

Broadway and Viola St., parochial house; for the Church of our Saviour.

Chicago, Ill. — Calumet Electric Street Ry. Co., power-house, Ninety-third St. and I. C. R. R.; cost, $15,000.

Frankford, Pa. — Plans have been prepared for a business building; architect, Horace W. Castor, 4627 Penn St.

New York, N. Y.— *East Eighty-sixth St., No.* 342 two-st'y brick workshop, tin roof; cost, $3,000; owner, Henry Antonius, 343 East Eighty-sixth St.

East Seventy-seventh St., Nos. 412-414, three st'y brick workshop, tin roof; cost, $8,000; owner, Frederick G. Werner, 408 East Seventy-seventh St.; architect, Julius Munkowitz, 247 West One Hundred and Twenty-fifth St.

Willett St., No. 52, six-st'y brick workshop, tin roof; cost, $15,000; owner, Solomon Finer, 86 Columbia St.; architects, Horenberger & Straub, 122 Bowery.

Sixteenth St., n s, 676′ e Avenue C, one-st'y brick workshop, peak, slate roof; cost, $6,000; owner, Health Department, New York City, 301 Mott St.; architects, Jackson & Warner, 132 Broadway.

East Fifty-ninth St., Nos. 341-343, five-st'y brick workshop, tar and gravel roof; cost, $35,000; owner, Gustave Schock, 159 Tenth Ave.; architect, G. Knoche, 501 East Seventy-first St.

Pitt St., No. 15, six-st'y brick workshop, tin roof; cost, $7,500; owner, Solomon Ladinsky, 243 East Broadway; architect, Max Muller, 21 Centre St.

Philadelphia, Pa.—*Jefferson St.*, s s, w Thirty-first St., four-st'y brewery and ice machine; builder, W. Kennedy, 1134 South Fifteenth St.

New St., n s, w Second St., one stack; owners, J. K. Petty & Co., 3328 North Nineteenth St.

Emerald and Adams Sts., one-st'y brick dye house; owners, Firth & Foster Bros., Taylor, Emerald and Adams Sts.

Old Front St., e s, n Indiana Ave., one-st'y bottling house; builder, J. C. Glattle, 631 Indiana Ave.

Thirty-sixth St., w s, n Grays Ferry Ave., two-st'y tallow house; builder, Jacob Wenzelberger, 1220 Filbert St.

Wyalusing St., s s, w Fifty-fourth St., one-st'y brick boiler house; owner, Henry Brooks, Fifty-third St. and Girard Ave.

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BUILDING INTELLIGENCE.

South Front St., No. 125, syrup refinery; for John Wiseman and T. F. Wallace; architect, Walter H. Geissinger, s w cor. Twelfth and Chestnut Sts.

Plainfield, Union Co., Pa.— Five-st'y brick, stone and iron building for offices, stores, etc.; owner, George H. Babcock.

Wilkinsburg, Allegheny Co. — Block for business purposes will be built by the First National Bank.

PROPOSALS.

Treasury Department, Office Supervising Architect, Washington, D. C., December 20, 1892. Sealed proposals will be received at this office until 2 o'clock P. M., on the 13th day of January, 1893, and opened immediately thereafter for all the labor and material required to furnish and erect complete either a hydraulic passenger elevator, or a steam passenger elevator in lieu of a hydraulic elevator; and also one direct acting hydraulic freight lift, or a steam lift in lieu of same, required for the new elevator plant for the United States Court-house and Post-office building at Denver, Colorado, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Denver, Colorado. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes sealed and marked "Proposal for Furnishing and Erecting Complete One Passenger Elevator and One Freight Lift in the United States Court-house and Post-office Building at Denver, Colorado," and addressed to W. J. EDBROOKE, Supervising Architect. 888

Treasury Department, Office Supervising Architect, Washington, D. C., December 14, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 17th day of January, 1893, and opened immediately thereafter, for all the labor and materials required to put in place complete the cast-iron and Z-bar columns, steel and iron floor, ceiling and roof construction, ceiling light, skylight roof, dormers, etc., complete for the United States Post-office building, Worcester, Mass., in strict accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Worcester, Mass. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Iron Columns, Steel and Iron Floor, Ceiling and Roof Construction, etc., for the United States Post-office building, Worcester, Mass.," and addressed to W. J. EDBROOKE, Supervising Architect. 888

Treasury Department, Office Supervising Architect, Washington, D. C., December 14, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 17th day of January, 1893, and opened immediately thereafter, for furnishing all the labor and materials and fixing in place complete, the low-pressure, return-circulation, steam-heating and ventilating apparatus required for the United States Court-house, Post-office and Custom-house building at Bay City, Michigan, in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Bay City, Michigan. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for a Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus for the United States Court-house, Post-office and Custom-house building at Bay City, Michigan," and addressed to W. J. EDBROOKE, Supervising Architect. 888

Treasury Department, Office of the Supervising Architect, Washington, D. C., December 14, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 12th day of January, 1893, and opened immediately thereafter, for all the labor and materials required for the excavation, foundations, basement and area walls, basement columns and first-floor construction for the United States Post-office building at Columbus, Ga., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Columbus, Ga. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Excavation, Foundations, Basement and Area Walls, Basement Columns and First-floor Construction for the United States Post-office building at Columbus, Ga.," and addressed to W. J. EDBROOKE, Supervising Architect. 888

Treasury Department, Office of the Supervising Architect, Washington, D. C., December 8, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 29th day of December, 1892, and opened immediately thereafter, for all the labor and materials required for the excavation and foundations for the United States Post-office building at Aurora, Ill., in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Aurora, Ill. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Excavation and Foundations for the United States Post-office Building, Aurora, Ill.," and addressed to W. J. EDBROOKE, Supervising Architect. 887

Treasury Department, Office Supervising Architect, Washington, D. C., December 12, 1892. Decorative artists are hereby invited to submit, without expense to the Government, before 2 o'clock P. M. on the 10th day of January, 1893, for consideration, a sealed proposal, accompanied by full specification and the necessary colored scale drawings and designs, illustrating and describing all the decorative painting, etc., for the United States Government Building, World's Columbian Exposition, Jackson Park, Chicago, Ill., in accordance with the general drawings of the building and specification, copies of which may be had on application at this office or the office of the Superintendent of the building at Chicago, Ill. Each bid must be accompanied by a certified check for the sum of $500. The right is reserved to reject any or all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Decorative Painting for the United States Government Building, World's Columbian Exposition, Jackson Park, Ill.," and addressed to W. J. EDBROOKE, Supervising Architect. 887

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The author recently made a journey to Sicily and during his stay there devoted his time to the study of the Norman monuments. This work therefore represents a study by a practical architect and the text simply attempts to familiarize the reader with the circumstances under which these wonderful monuments were created, and with some of the peculiar technical processes employed in their construction and decoration.

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The photographic plates will comprise general views of the buildings, both exterior and interior, with special features to a larger scale; and although taken mainly from Domestic work, there will be a few notable monuments from Churches as well as woodwork from the same sources. In addition to the photographic plates there will be given twenty sheets of measured details, reproduced by photo-lithography from drawings specially prepared for the work, comprising some of the features given in the views as well as many others not suitable for photographic illustration.

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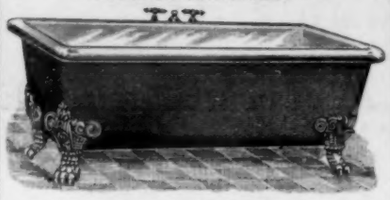

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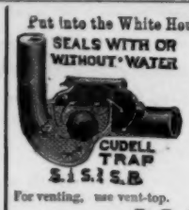

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No I. . . .	214	109	28	16
No. II. . .	137	78	21	15
No. III. . .	118	56	16	11
Am. Architect.	267	152	47	24

In the first column, "subjects," only actual domestic work is included (foreign work, imaginative designs and the work of sketch-clubs are excluded), and the figures there given indicate that this number of designs might have been prepared by the same number of architects practising in the same number of different towns. The remaining columns show how nearly this ideal distribution has been reached in each case.

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161	.752	75	.688	7
46	.335	24	.307	2
70	.593	22	.392	1
73	.273	39	.256	3

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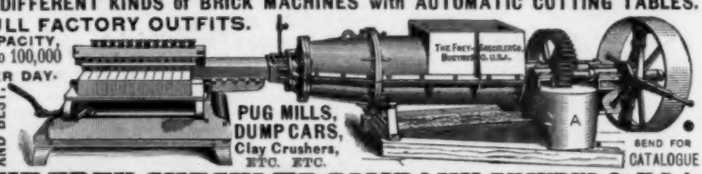

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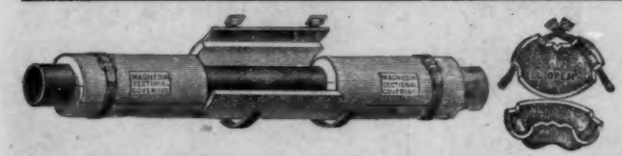

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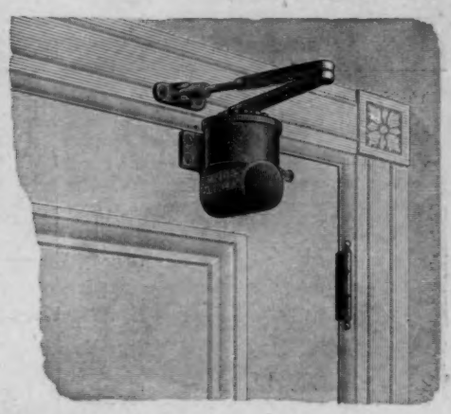

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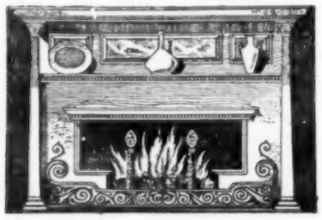

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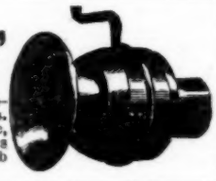

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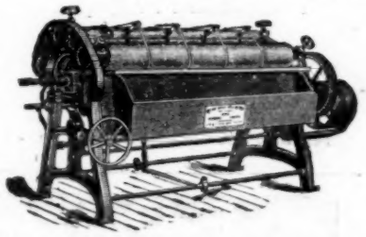

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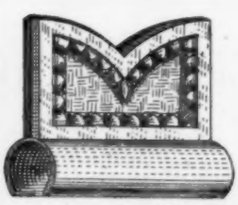

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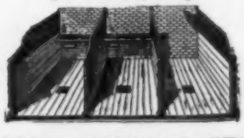

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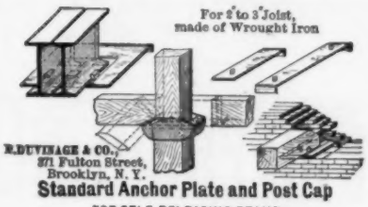
Foundation:				
Dimension	@	5 00 ℔ ton.	[20 @	@ 5 00
Block	@	4 60 ℔ perch.	@	Conshocken
Rubble	@	1 25 @ 1 50	8 50 @	1 45 @ 2 50
Bluestone: (℔ sq. ft.)				
Sidewalk	30 @ 5 00	40 @ 1 75	75 @ 1 00	1 in. th. 10 @ 25
Planed	50 @ 6 00	@ 75	50 @ 1 00	37 @ 50
Sandstone:				
Longmeadow	@ 80	80 @ 90	@	} 95 @ 1 05
Kibbe	@ 90	90 @ 1 10	@	}
Brown (Connecticut)	1 00 @	1 25 @ 1 45	1 50 ℔ cub. ft.	1 05 @ 1 25
Amherst Ohio	90 @ 95	90 @ 1 00	45 @ 50	85 @ 95
Berea "	75 @ 1 00	85 @ 90	45 @ 55	55 @ 75
Berlin "	75 @ 1 00	80 @ 90	55 @ 65	85 @ 95
Belleville	80 @ 1 25	1 25 @ 1 35	@ 1 25	1 00 @ 1 10
New Brunswick (Dorchester)	@ 1 00	75 @ 90	@	1 05 @ 1 15
Caen	@	@ 2 00	@	1 25 @ 1 35
Carlisle, English	@ 1 05	@ 1 05	@	95 @ 1 05
Corse Hill (Scotch)	@ 1 05	@ 1 05	@	95 @ 1 05
Marble: (℔ cu. ft.)				
Lee, Mass	@	1 75 @ 2 50	*Not Sold.*	2 00 @ 2 50
Rutland, white and blue	@	@ 3 00	3 50 @ 6 00	2 00 @ 3 00
Sutherland Falls	1 25 @ 1 75	@ 2 00	3 50 @ 6 00	1 70 @ 3 00
Glens Falls, black	@	@	*Not Sold.*	4 00 @ 4 50
Italian, blue-veined	@	@	@ 4 40	2 50 @ 2 75
" Sienna	@	@	*Not Sold.*	@ 5 00
Tennessee, red	@	@	@ 4 40	4 00 @ 6 00
" Knoxville	@	@	@ 4 40	3 00 @ 4 00
Pennsylvania, blue	@	@	*Not Sold.*	2 00 @ 3 00
Vermont, white	@	@	3 50 @ 6 00	2 25 @ 3 00
Slate: Roofing (℔ square)				
" green	5 00 @ 6 00	4 75 @ 5 25	5 50 @ 6 10	2 30 @ 3 00
" " unfading	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 25 @ 3 75
" purple	5 00 @ 6 00	5 50 @ 6 50	6 50 @ 7 10	3 50 @ 4 50
" red	@ 10 00	10 00 @ 11 00	12 00 @ 14 00	50 @ 10 25
" black, Lehigh	4 25 @ 4 75	@	6 25 @ 6 85	325 @ 4 00
" " Chapmans	@	@	7 30 @ 8 00	00 @ 4 65
" Unfading black, Monson, Me	5 50 @ 8 00	5 50 @ 8 00	6 00 @ 9 00	5 50 @ 8 00
Tiles, Am ...℔ M	@	@	*Not Sold.*	@ 25 00
N. Peach Bottom, warranted unfading	@	@	@	6 00 @ 6 75
PAINTS. (In Oil ℔ lb.)				
White lead, Am	7 @ 7½	7 @ 7½	7 @ 7½	@ 7½
" zinc, "	5 @ 8½	@ 8	5 @ 10½	@ 7
Red lead, Am	6½ @ 7	7 @ 7½	6½ @ 7	@ 7½
" Venetian	6 @ 10½	7 @ 12	1½ @ 2½	dry Eng. @ 7
" Vermillion	65 @ 70	70 @ 5 dry	65 @ 68	Eng. @ 76
" Indian, Eng	12 @ 20	12 @ 20	12 @ 20	6½ @ 7
Yellow Ochre	6 @ 15	7 @ 12	3 @ 15	dry Am. @ 1½
" Chrome	12 @ 20	18 @ 25	15 @ 25	@ 18
Green (chrome)	8 @ 13	8 @ 20	8 @ 20	@ 21
Green, Paris	25 @ 40	25 @ 40	18 @ 35	" 15 @ 20
Black, lamp	15 @ 25	15 @ 25	8 @ 30	@ 12
Blue, ultramarine	12 @ 18	18 @ 30	12 @ 35	10 @ 24
Oil, linseed, (raw) (℔ gal.)	55 @ 62	49 @ 50	57 @ 60	@ 60
" " boiled	58 @ 65	52 @ 53	60 @ 63	@ 63
Turpentine	36 @ 37	@ 36	51 @ 51	@ 44
Varnish, coach	@	1 50 @ 6 00	1 25 @ 2 00	125 @ 3 00
Shellac	@	2 50 @ 3 00	2 25 @ 4 00	150 @ 3 00
Putty	2 @	2 @ 4	2 @ 2½	2 @ 2½
Whiting (dry)	75 @ 1 00	1 @ 1½	1 @ 1½	¾ @ 1
Paris white, (Eng.) (dry)	1 30 @ 2 00	2 @ 3	1½ @ 2	1½ @ 2
Litharge, Am	5½ @ 6	7 @ 7½	6½ @ 7	@ 7½
Sienna (burnt)	14 @ 20	14 @ 20	4 @ 16	4 @ 14
Umber "	14 @ 20	14 @ 20	2 @ 10	2 @ 13
HARDWARE.				
Nails: (*Per Cask.*) Spikes, (*wrought.*)	@ 2 85	@	2 35 @ 3 50	per keg @ 2 25
10d. common	@ 2 60	@ 2 10	@ 2 35	@ 2 30
Shingle	@ 3 35	@ 2 50	@ 2 35	@ 2 60
Lath	@ 4 85	@ 3 40	@ 3 25	3 60 @ 4 75
(*Finishing nails according to size.*)	@	@	Add .85 to $2.25	per lb 4 @ 6
(*For casing nails add 75 c. per keg.*)	@	@	" .50 to .90	Add per cask
Butts: 4" x 4" (℔ doz. pairs.)				2 90 (all kinds.)
Plain	@ 1 00	@ 1 20	@ 90	@ 90
Japanned	@ 1 50	@ 1 75	*Not Sold.*	1 35 @ 2 00
Acorn, Japanned	@ 1 50	@ 1 90	2 00 @ 3 75	1 35 @ 2 75
Ball Tip, Boston Finish (℔ pair.)	@ 65	@ 50	*Not Sold.*	48 @ 50
Bronze metal	@ 1 90	plain 1 65	2 00 @ 3 25	@ 1 25
Brass (for cupboards.)	@ 10	@ 10	@ 12	@ 1 00
Ebony	@	@	@	@ 35
Apple wood	@	@	@	37 @ 1 00
Knobs: (℔ set.)				
Mineral, best	@ 8	@ 8	8 @ 10	@ 08
Lava	@ 50	@ 75	65 @ 80	*Not Sold.*
Hematite	*Not Sold.*	17 @ 33	31 @ 40	25 @ 50
Porcelain	@ 30	@ 10	25 @ 30	@ 25
Glass, solid	*Not Sold.*	@ 50	*Not Sold.*	1 00 @ 2 50
Glass, silvered	*Not Sold.*	88 @ 1 00	@ 1 50	1 75 @ 2 00
Bronze metal	75 @ 2 00	50 @ 3 00	50 @ 3 00	50 @ 3 50
Brass	1 00 @ 2 50	50 @ 3 00	1 00 @ 3 00	75 @ 1 25
Solder:	@	@	14 @ 16	13½ @ 16
Sheet Lead	@	@ 7½	6 @ 7	@ 6½
Lead Pipe	@	@ 6½	5½ @ 6	6 @ 6
Iron:				
I-Beams, up to and including 36 ft	3 3-10 @ 3½	@ 3 4-10	@	@ 2 8-10
I-Beams, over 30 ft. ½, ¾, ½ c. advance	@	@	2 50 @ 2 75	@ 2 8-10
Channel Beams	3 3-10 @ 3½	@ 4-10	2 50 @ 2 75	@ 2 8-10



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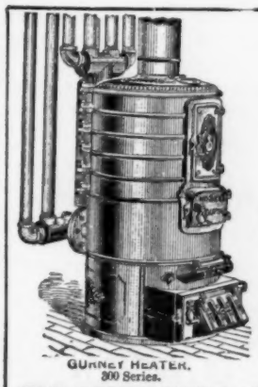

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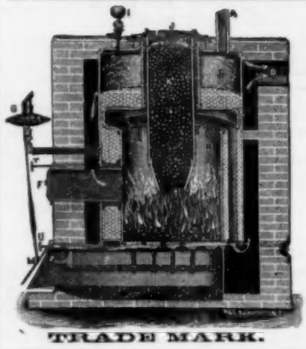

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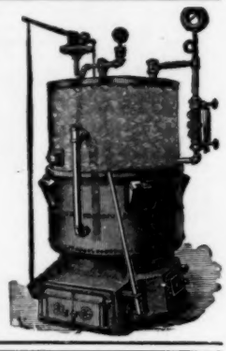

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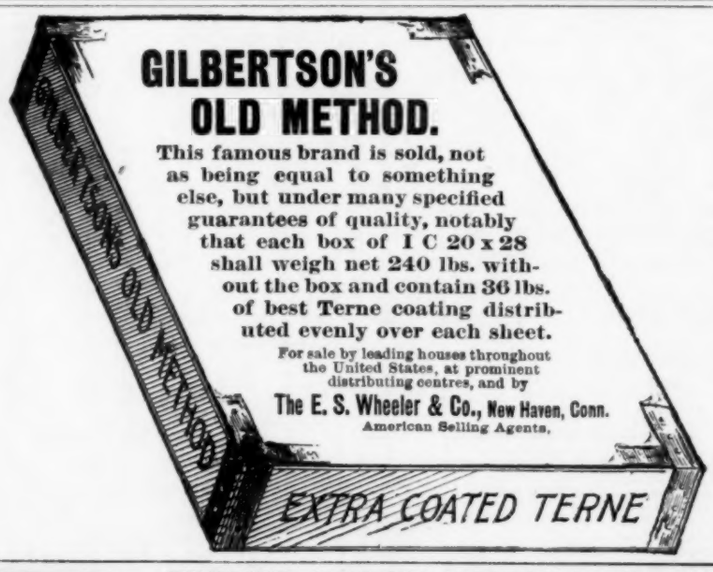

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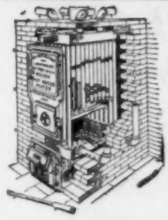

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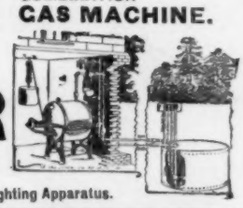

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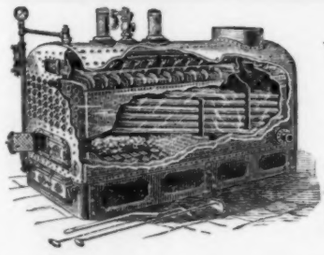

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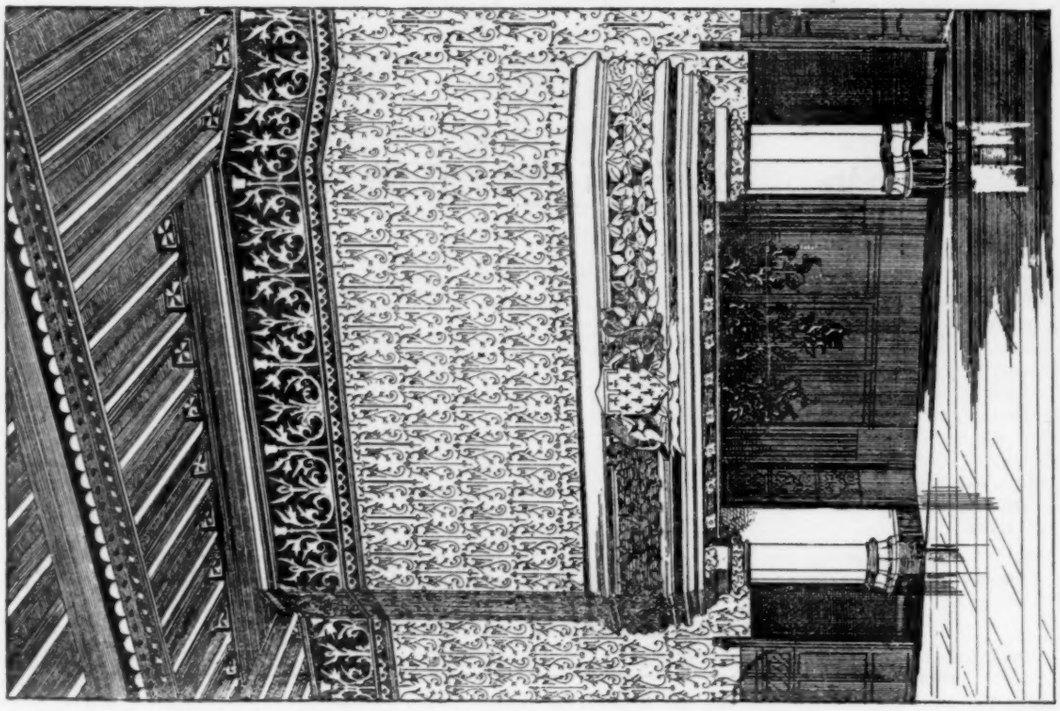

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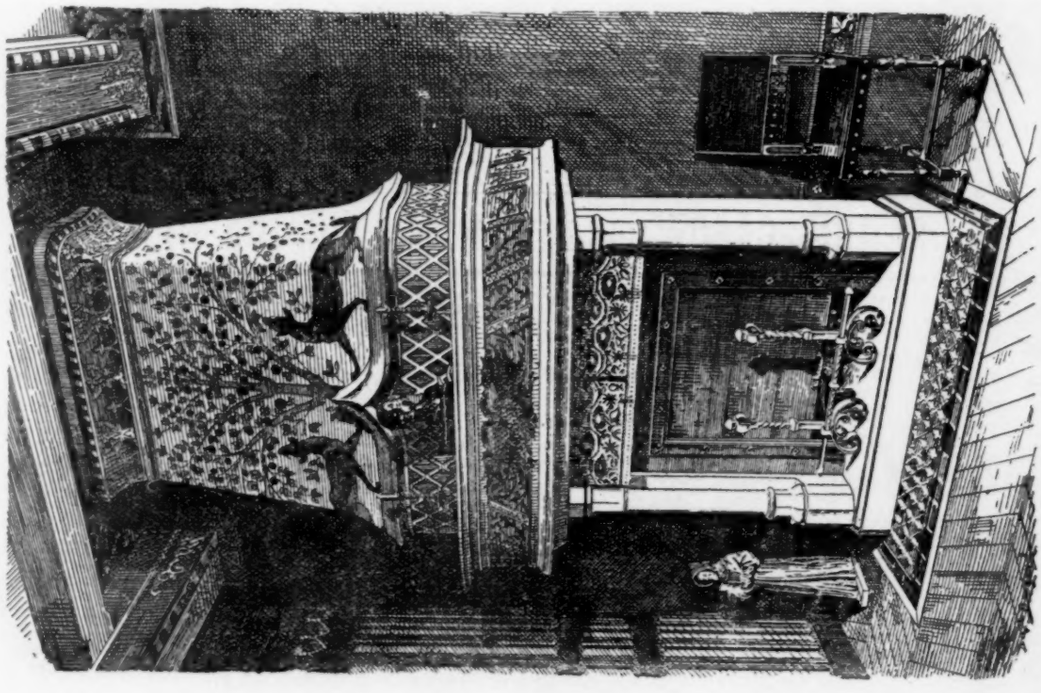

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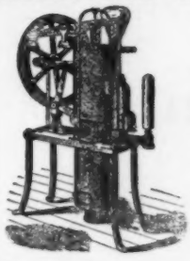

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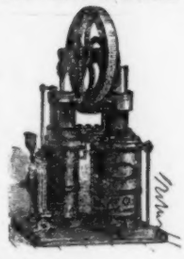

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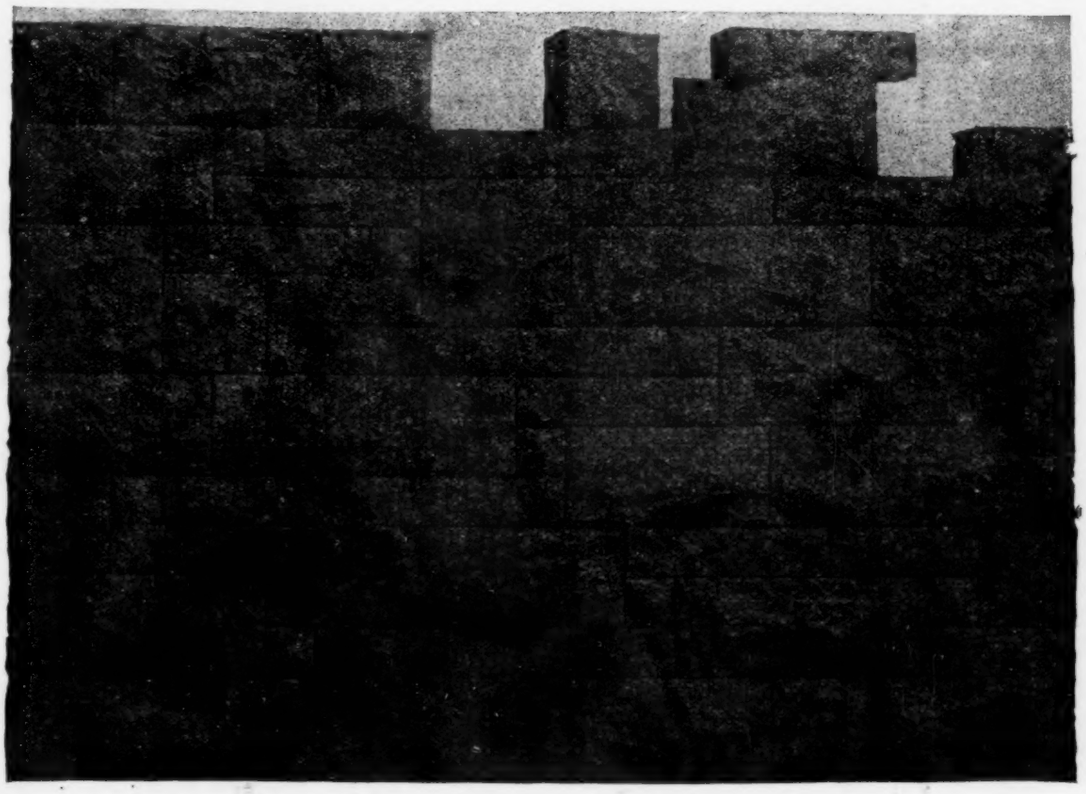

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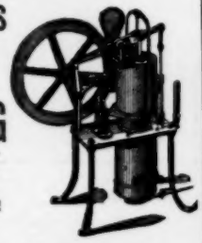

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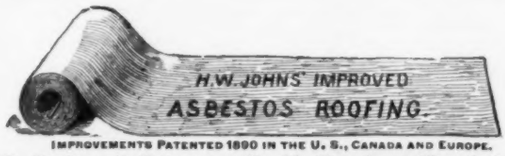

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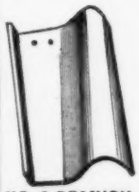

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SAMUEL CABOT (Boston, Mass.), Creosote Stains. Page xi.

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The *American Architect* Drawing-Office will undertake the preparation of perspective drawings in line or color from scale drawings, or will render drawings already in outline. Address the editors.

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ARCHITECTS' REMOVALS.

ALBERT B. BLITZ, late of Chicago, has opened an office at No. 5 West Fourth Street, Cincinnati, Ohio, and would be pleased to receive samples and catalogues. 889

BRUCE & MORGAN have removed from the Gould Building to the Grant Building, Atlanta, Ga. 888

JAS. J. F. GAVIGAN has removed from 835 Broadway to 1248 Third Ave., corner of Seventy-second St., New York City. 888

W. T. PRYOR has opened an office at Houghton, Mich., and desires catalogues and samples of building materials. 888

ARCHITECTS' REMOVALS.

CHARLTON & GILBERT of Marquette, Mich., have opened a branch office in the Descent Block, Superior, Wis. 888

BUILDING PATENTS.

[Printed specifications of any patents here mentioned together with full detail illustrations, may be obtained of the Commissioner of Patents, at Washington, for twenty-five cents.]

487,709. HYDRAULIC ELEVATOR.—Thomas E. Brown, Jr., New York, N. Y.

487,712. SASH-CORD GUIDE.—Charles M. Burgess, New Britain, Conn.

487,774. SECTIONAL STEAM-BOILER.—Dwight S. Richardson, Brooklyn, N. Y.

487,792. STEAM-GENERATOR.—Thomas L. and Thomas J. Sturtevant, Framingham, Mass.

487,793. BOILER.—Thomas L. and Thomas J. Sturtevant, Framingham, Mass.

487,794. VERTICAL TUBULAR BOILER.—Thomas L. and Thomas J. Sturtevant, Framingham, Mass.

487,809. SAFETY-VALVE.—James G. White, Kansas City, Mo.

487,812. SASH-CORD GUIDE.—Clayton Wolcott, Hartford, Conn.

487,830. WEATHER-STRIP.—Oliver A. Gallatin, Galt, Mo.

487,873. LOCK.—Samuel R. Long, Springtown, Pa.

487,880. RADIATOR.—Clarence C. Mulford, Galva, Ill.

487,889. GUIDE FOR USE IN GAINING STAIR-STRINGERS.—Robert Martin, Philadelphia, Pa.

487,892. BEAM-COMPASSES.—William S. Robinson, Chicago, Ill.

487,901. RADIATOR VALVE.—George C. Blackmore, Newark, N. J.

487,906. FLUSHING-TANK.—Edward C. Stover, Trenton, N. J.

487,934. SASH-HOLDER.—Peter Motley, Philadelphia, Pa.

487,946. FLUSHING-TANK.—Edward C. Stover, Trenton, N. J.

488,074. ROTARY CHIMNEY-COWL.—Henry and Louis Iwan, Streator, Ill.

488,075. EAVES-TROUGH FASTENER.—Robert G. Kelso, Cleveland, Ohio.

488,122. ILLUMINATING-TILE.—Jacob Jacobs, Brooklyn, N. Y.

488,123. ELECTRICAL SAFETY CUT-OUT.—Henry S. Keating, London, England.

488,131. HEATER.—John Nelson, Brooklyn, N. Y.

488,137. SAFETY APPLIANCE FOR ELEVATORS.—Richard Uren, Ripley, Mich.

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J. S. Thorn.

See the first issue of the month for the following advertisements.

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National Carving Company.
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J. J. Read.
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Wm. Schwarz Mfg. Co.
E. Thiele.
A. B. & W. T. Westervelt.

The following advertisements are omitted in this issue in favor of the Classified Index.

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Smith & Egge Mfg. Co.
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Tucker & Sons.
E. Van Noorden & Co.
J. Williams.

BUILDING PATENTS.

488,147. FLOOR-CLAMP.—Frank Martin, Cincinnati, Ohio.

488,168. FURNACE FOR BURNING GARBAGE.—John C. Kessler, Milwaukee, Wis.

488,169. GARBAGE-CREMATORY.—John C. Kessler, Milwaukee, Wis.

488,170. TUBULAR WATER-GRATE.—Robert MacFarlane, Magog, Canada.

Imports of Building Materials, Etc.,

AT THE PORT OF NEW YORK FOR THE WEEK ENDING DECEMBER 23, 1892.

From Antwerp.—Steamer "*Pensland*," 84 packages structural iron, R. F. Downing & Co.; 2,500 barrels cement, order. Steamer "*Waesland*," 6 beams, R. F. Downing & Co.; 1 quantity of asphalt, 12,003 cakes do., R. Butcher; 438 girders, Brown Bros. & Co.; 750 barrels cement, order.

From Bahia.—Steamer "*Seguianca*," 1,653 logs Brazil wood, Brown Bros. & Co.

From Buenos Ayres.—Bark "*Carl Both*," 254,655 feet cedar wood, F. H. Gortland.

From Colon.—Steamer "*City of Para*," 99 logs mahogany, Eggers & Heinlein; 119 do., W. L. Rathbun & Co.

From Genoa.—Bark "*Fede L.*," 782 slabs marble, Taber & Co.; 36 blocks do., G. Amsinck & Co.; 43 do., 315 slabs do., order.

From Glasgow.—Steamer "*State of California*," 74 cases granite, Austin, Baldwin & Co.; 19 do. polished do., Brown & Magoun; 17 do. granite, R. F. Downing & Co.; 17 casks fire-bricks, order. Steamer "*Ethiopia*," 42 barrels enamelled bricks, C. E. Weeks & Bros.

From Hamburg.—Steamer "*Elfrida*," 500 casks cement, E. Thiele.

From Leghorn.—Steamer "*Elysia*," 13 blocks marble, Pells & Co.; 14 do., Taber & Co.; 352 marble slabs, Wm. Townsend; 1 block marble, Taber & Co.; 88 do., order. Steamer "*Italia*," 1 block marble, 489 slabs do., Taber & Co.; 1 do., C. H. Cunningham & Co.; 10 blocks do., G. Amsinck & Co.; 17 do., Pells & Co.

From Liverpool.—Steamer "*Bovic*," 159 packages bricks, Brown Bros. & Co. Steamer "*Teutonic*," 158 casks bricks, Howard Fleming.

(*Continued on page* xvii.)

FACTS ABOUT HARD OIL FINISH.

SELF INTEREST.

The ultimate motives for nearly all human actions are selfish ones. The Architect, for example, in designing and superintending the erection of a building has fame and fortune in view as well as duty to his Client and devotion to Art.

Self interest is not always viewed from the same standpoint, however. If it were so, there would be little or no poor varnish used for interior finishing purposes, and consequently fewer badly finished interiors. We will suppose Hard Oil Finish to be specified — which, as is generally known, is the leading interior Finish, and made only by Berry Brothers — there is a certain commendable kind of self-interest that prompts the Contractor to use the best material; which, altho' it may reduce his immediate profit somewhat, lays a sure foundation for future business. This man will use genuine Hard Oil Finish.

There is another kind of self-interest that sacrifices the future to the present, as instanced by Contractors or Finishers who buy and use a cheap and inappropriate Finish for interior finishing, because so doing will yield more profit on a job. These parties will probably use one of the spurious articles mis-called Hard Oil Finish — of which there are a number offered; and the use of which will certainly be disastrous to the finish.

To circumvent the last named self-interested parties and to protect Clients from imposition, Hard Oil Finish should always appear in full in the specifications, thus: "BERRY BROTHERS' HARD OIL FINISH."

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IMPORTS OF BUILDING MATERIALS, Etc.

From London. — Steamer "*Brazilian*," 2,000 casks cement, C. J. Stevens; 300 do., order. Steamer "*Mississippi*," 15 logs walnut, E. Hinkley; 400 casks cement, Hammill & Gillespie; 2 do., order.

From Manzanilla. — Schooner "*Moneta*," 59 logs cedar, Willard Hawes & Co.; 161 do., 1,283 do. mahogany, order.

From Stettin. — Steamer "*Hekla*," 1,000 barrels cement, H. Marquardt & Co.

From St. Jago. — Steamer "*Cienfuegos*," 46 logs cedar, 11 do. mahogany, Jacob Henkel & Co.; 31 do., 80 do. cedar, order.

From Tlacotalpan. — Schooner "*Addie E. Snow*," 228 logs mahogany and cedar, H. Marquardt & Co.

From Trinidad. — Brig "*James Brown*," 450 tons asphalt, order.

From Vera Cruz. — Steamer "*Gumuri*," 18 blocks marble, W. W. Thomas & Co.

From Windsor, N. S. — Schooner "*Newburgh*," 959 tons plaster, J. F. Whitney & Co. Schooner "*Harry*," 796 tons lump plaster, J. F. Whitney & Co.

BUILDING INTELLIGENCE.

(Reported for The American Architect and Building News.)

[*Although a large portion of the building intelligence is provided by their regular correspondents, the editors greatly desire to receive voluntary information, especially from the smaller and outlying towns.*]

ALTERATIONS.

Chicago, Ill. — The Deacons Institution of Swedish Evangelical Lutheran Church, six-st'y extension to hospital, 476-482 Cleveland Ave.; cost, $50,000.

Monroe Hotel Co., one-st'y addition, 5511-5525 Monroe Ave.; cost, $15,000.

Annie Foster, three-st'y addition, 3538 Armour Ave.; cost, $6,000.

J. W. Harpold, two-st'y addition, 1319-1325 Lill Ave.; cost, $8,000.

Camden, N. J. — *Kaighn's Ave., No.* 614, frame addition; owner, Isadore Green.

Mickle St., No. 300, addition; owner, H. G. Hinchman.

Doylestown, Bucks Co., Pa. — *State St.*, alterations to dwell.; owner, Charles R. Nightingale.

St. Louis, Mo. — Brick addition to stock house; cost, $6,000; owner, St. Louis Brewery Co.; contractor, A. Haesseler.

APARTMENT-HOUSES.

Chicago, Ill. — George F. Harding, 2 four-st'y flats, 140-142 Eighth St; cost, $20,000.

Dr. W. Allport, six-st'y flats, n w cor. Maple and State Sts.; cost, $40,000.

N. W. Stragker, two-st'y flats, 1392 West Monroe St.; cost, $3,800.

H. A. Rust, 7 four-st'y flats, s w cor. Lake Ave. and Fifty-fourth St.; cost, $75,000.

C. F. Loft, 2 three-st'y flats, 520 Maple St.; cost, $8,000.

Mathilda Woodstrum, 2 three-st'y flats, 1630-1632 Barry Ave.; cost, $10,000.

Robert Wallace, three-st'y flats, 370 Ninety-first St.; cost, $3,500.

Touk Bros., 4 three-st'y flats, 217-221 Belden Ave.; cost, $28,000.

Andrew Litterberg, two-st'y flats, 1234 Fifty-ninth St.; cost, $3,800.

J. H. Hughes, two-st'y flats, 570 Sixty-fifth St.; cost, $3,000.

F. H. Foster, seven-st'y flats, 4700-4712 Kenwood Ave.; cost, $300,000.

Albert Mandell, 4 three-st'y flats, 4229-4235 Wabash Ave.; cost, $40,000.

M. A. Hageman, two-st'y flats, 6935 Merno Ave.; cost, $3,000.

K. Ninne, 4 three-st'y flats, 6331-6339 Grave Ave.; cost, $25,000.

Charles Hayden, 2 four st'y flats, 152-154 Thirty-sixth St.; cost, $30,000.

Lena Karasek, three-st'y flats, 87 Sawyer Ave.; cost, $6,500.

M. L. O'Rourke, two-st'y flats, 976 Turner Ave.; cost, $4,000.

J. C. Walker, two-st'y flats, 232 Seventy-sixth St.; cost, $3,000.

Charles Catlin, 2 two-st'y flats, 481-483 Belden Ave.; cost, $25,000.

George R. Allen, three-st'y flats, 750 Washington Boulevard; cost, $12,000.

L. Karser, three-st'y flats, 1426 Harvard St.; cost, $3,500.

Detroit, Mich. — W. H. Hollands & Sons, owners and contractors, brick block of flats, Miller St., near Sixth St.

Meyer S. Fink, three-st'y brick flats, Gratiot Ave.; cost, $5,000; architect, R. E. Raseman.

Jas. H. Cole, block of flats and stores, Gratiot Ave.; cost, $10,000; architect, P. Dederichs, Jr.

New York, N. Y. — *Orchard St.*, n e cor. Stanton St., 2 five-st'y brick flats, tin roofs; cost, $47,000: owners, Fay & Stacom, 337 Pleasant Ave.; architect, Charles Rentz, 153 Fourth Ave.

Rider St., No. 78, five-st'y brick flat, tin roof; cost, $22,000; owner, Henry Wirth, 145 Delancey St.; architect, Charles Rentz, 153 Fourth Ave.

One Hundred and Second St., n s, 210' w Third Ave., 4 five-st'y brick flats, tin roofs; cost, $97,500; owner, Mary Healey, 349 East Eighty-fourth St.; architect, John Hauser, 1441 Third Ave.

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One Hundred and Eighteenth St., n s, 310' w Fifth Ave., 2 five-st'y brick flats, tin roofs; cost, $44,000; owner, Frederick Broender, 502 East Eighty-third St.; architect, Frank Wennemer, 204 East Eighty-sixth St.

One Hundred and Eighteenth St., n s, 100' w Eighth Ave., 6 five-st'y brick flats, tin roofs; cost, $120,000; owner, Richard E. Johnston, 719 St. Nicholas Ave.; architect, A. B. Ogden, 1031 Madison Ave.

One Hundred and Thirty-fifth St., n s, 450' e Willis Ave., 4 five-st'y brick flats, tin roofs; cost, $78,000; owner, Thomas McQuade, 216 East Ninety-ninth St.; architect, J. H. Valentine, One Hundred and Twenty-first St. and Eighth Ave.

Seventy-first St., s s, 175' w Avenue D, 2 five-st'y brick flats, tin roofs; cost, $50,000; owners, Cook & McCabe, 444 East Seventy-ninth St.; architect, John C. Burne, 101 West Forty-second St.

Stanton St., 75' e Lewis St., five-st'y brick flat, tin roof; cost, $15,000; owner, B. Galewskey, 168 Henry St.; architects, Schneider & Herter, 48 Bible House.

First Ave., n e cor. One Hundred and Fifth St., four-st'y brick flat, tin roof; cost, $18,000; owner, John Poth, 2020 First Ave.; architect, Edward Wenz, 1491 Third Ave.

Eighty-fourth St., s s, 274' w Amsterdam Ave., five-st'y brick flat, tin roof; cost, $25,000; owner, Thomas Moloney, 1421 Amsterdam Ave.; architects, Thom & Wilson, 1267 Broadway.

Essex St., Nos. 115-117, six-st'y brick flat, tin roof; cost, $46,000; owner, Mark Ash, 235 Broadway.

Clinton St., Nos. 220-224, 3 five-st'y brick flats, tin roofs; cost, $60,000; owner, Tobias Krakower, 216 Henry St.; architect, Charles Rentz, 153 Fourth Ave.

FACTORIES.

Boston, Mass. — *Shepard St., No.* 50, Ward 25, frame factory, 40' x 50'; owner, F. J. Donnelly; builder, R. J. Flewellyn.

Brooklyn, N. Y. — *Rockwell Pl.*, w s, 77' s De Kalb Ave., three-st'y brick factory, tin roof; cost, $52,000; owners, Citizens' Illuminating Co., Navy St. and De Kalb Ave.; architect, Thomas F. Houghton, 340 Fulton St.; builder, P. J. Carlin, 186 Remsen St.

Camden, N. J. — *Mechanic St.*, s e cor. Sixth St., one-st'y iron factory; owner, H. G. Hinchman.

Detroit, Mich. — Daniel Scotten, five-st'y brick tobacco factory, Fort St., West; cost, $65,000; architects, John Scott & Co.

HOTELS.

Chicago, Ill. — E. J. Brown, three-st'y hotel, 330 Ninety-second St.; cost, $6,000.

John Hewett Co., two-st'y hotel, Fifty-sixth St. and Kinbark Ave.; cost, $40,000.

Joseph S. Kiehl, two-st'y hotel, 6832-6836 Jefferson Ave.; cost, $8,500.

A. E. Rood, four-st'y hotel, 7100-8108 Kinney Ave.; cost, $20,000.

Staunton, Va. — Architect Collins will prepare plans for a proposed hotel, to cost about $60,000.

HOUSES.

Baltimore, Md. — Samuel Cole, three-st'y brick building, s e cor. Edmondson Ave. and Payson St.

P. D. Della, 11 two-st'y brick buildings, s s Fort Ave., e Covington St.

Boston, Mass. — *Commonwealth Ave., No.* 373, Ward 22, six-st'y brick dwell., flat roof, 54' x 83.6'; owners, A. W. Sawyer and others, trustees; builders, Woodbury & Leighton.

Hyde Park Ave., near Washington St., Ward 23, 2 three-st'y frame dwells., flat roofs, 22' x 48'; owner, Chas. Gugoen; builder, Joseph Landry.

Centre St., cor. Wyman St., Ward 23, 2 three-st'y frame dwells., flat roofs, 29' x 50' and 32' x 40'; owner, Louis Bessen; builder, G. Merz.

Harvard St., near Prescott St., Ward 5, 2 three-st'y frame dwells., 25' x 34' and 24' x 30'; owner, W. F. Wills; builder, T. Desmond.

Alcott St., near Franklin St., Ward 25, frame dwell., 24.9' x 43'; owner, Mrs. Susan D. Fox; builder, Benj. Fox.

Longfellow St., Nos. 11-35, Ward 24, 13 frame dwells., 19.6' x 43'; owner and builder, George D. Cox.

Storey St., Nos. 52-54, Ward 14, two frame dwells., flat roofs, 22' x 52'; owner and builder, Edwin R. Flint.

Kenwood St., near Washington St., Ward 24, two-

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BUILDING INTELLIGENCE.

st'y frame dwell., hip roof, 26′ x 38′; owner and builder, John Funck.

Frisnold St., near Dudley Ave., Ward 23, frame dwell., 20′ x 30′; owner and builder, Peter Havey.

Knoll St., near Walter St., Ward 23, frame dwell., 20′ x 29′; owner, Mrs. A. R. Henderson; builder, E. D. Jones.

Knoll St., near Centre St., Ward 23, frame dwell., 24′ x 28′; owner and builder, J. T. McDonald.

Elliott St., near Dorchester Ave., Ward 24, 4 three-st'y frame dwells., flat roofs, 24′ x 47.6′; owner, Mrs. Mary O'Connell; builder, Dennis O'Connell.

Congress St., at L St. Bridge, one-st'y frame dwell., hip roof, 23.6′ x 35′; owner, City of Boston; builder, Thomas Keyes.

Sagamore St., near Belfort St., Ward 24, frame dwell., 24.6′ x 35′; owner, Mrs. Annie Riley; builder, Peter Riley.

Oregon Park St., near Spruce St., Ward 23, three-st'y frame dwell., flat roof, 24′ x 36′; owner and builder, J. D. McIntosh.

Kilsyth Road, near Lanark Road, Ward 25, frame dwell., 30.8′ x 45.4′; owner, C. H. Bacoll; builders, Rich Bros.

Dorchester Ave., No. 1339, Ward 24, three-st'y frame dwell. and store, flat roof, 40′ x 44′; owner, E. J. Rogers; builder, William Landells.

Eastburn St., near Mt. Vernon St., Ward 25, three-st'y frame dwell., 26′ x 32′; owner, John Brennan; builder, T. W. Brennan.

Leyden St., near Breed St., Ward 1, frame dwell., flat roof, 25′ x 90′; owner, Mrs. Ellen Graham; builder, J. C. Doyle.

Belgrade Ave., nearly opp. Colberg Ave., Ward 23, two frame dwells., 24′ x 35′; owner, M. Lizzie Jellison; builder, H. E. Jellison.

Brookline, Mass.— *Aspinwall Hill*, frame dwell., 50′ x 68′; owner, Francis Leeds; contract to be let; architects, Loring & Phipps, Boston.

Brooklyn, N. Y.— *Herkimer St.*, s s, 660′ w Nostrand Ave., five-st'y brick dwell., gravel roof; cost, $6,000; owner, G. W. Brown, 26 Court St.; architect, L. E. Brown, 40 Fifth Ave.

Ralph St., s s, 290′ w Central Ave., 2 three-st'y brick dwells., tin roofs; cost, $5,750 each; owners and builders, Berlenbach & Mueller, 16 Beaver St.; architect, Th. Engelhardt, 905 Broadway.

Sutton St., w s, 83′ 9″ w Driggs Ave., 7 two-st'y frame dwells., gravel roofs; cost, $2,800 each; owner and builder, O. W. Humphrey, 38 Driggs Ave.; architect, Fred Weber.

Schaefer St., s s, 245′ e Evergreen Ave., 2 two-st'y frame dwells., tin roofs; cost, $2,700 each; owner and architect, J. W. Nicly, 214 Patchen Ave.

Pacific St., n s, 100′ e Saratoga Ave., 6 two-st'y frame dwells., tin roofs; cost, $3,000 each; owner, architect and builder, N. A. Taylor, 1135 Park Pl.

Fountain Ave., w s, 90′ n Belmont Ave., 8 two-st'y frame dwells., tin roofs; cost, $3,000 each; tin roofs; cost, $3,000 each; owner, R. Geary, 576 Madison St.; architect, Wm. Godfrey.

Grant Ave., w s, 75′ n Atlantic Ave., 2 two-st'y frame dwells., tin roofs; cost, $2,250 each; owner, Wm. M. Miller, 1 William St.

Forty-fourth St., s s, 200′ e Fourth Ave., 5 two-st'y frame dwells., tin roofs; cost, $2,800; owner, architect and builder, Wm. E. Kay, Blythebourne, L. I.

Skillman St., w s, 112′ s Myrtle Ave., 2 four-st'y brick dwells., tin roofs; cost, $7,000 each; owners and builders, Schlakfer & Herber, 900 Flushing Ave.; architects, D. Acker & Son, 752 Broadway.

Chicago, Ill.— Charles Ettinger, two-st'y dwell., 240 Paulina St.; cost, $3,000.

Darrow & Thorne, 2 two-st'y dwells., 4221-4223 Vincennes Ave.; cost, $12,000.

Walter Nelson, 6 three-st'y dwells., 253-257 and 244-246 Sixty-first St.; cost, $35,000.

Bogue & Co., 2 two-st'y dwells., 4236-4238 Vincennes Ave.; cost, $12,000.

Bogue & Co., 7 two-st'y dwells., 4312-4326 Vernon Ave.; cost, $42,000.

F. B. Root, 3 three-st'y dwells., 6044-6048 Edgerton Ave.; cost, $23,000.

J. B. Woodruff, 3 two-st'y dwells., 91, 97 and 101 Fourteenth St.; cost, $7,500.

BUILDING INTELLIGENCE.

B. Hally, 6 two-st'y dwells., Seventy-fourth Pl. and Bissell St.; cost, $18,000.

Power & McMahon, 5 two-st'y dwells., Milton Pl. and Garfield Ave.; cost, $7,500.

Joseph Klicka, two-st'y dwell., 53 Humboldt Boulevard; cost, $7,000.

Sam Brown, Jr., three-st'y dwell., Beacon Ave. and Leland St.; cost, $3,000.

Swedish Lutheran Church, two-st'y parsonage, Atlantic and Fifty-eighth Sts.; cost, $6,000.

Walter Nelson, 10 three-st'y dwells., 5716-5745 Monroe Ave.; cost, $75,000.

R. R. De Young, 8 two-st'y dwells., 4623-4639 Thirty-seventh St.; cost, $20,000.

Benjamin Arnheim, three-st'y dwell., 3744 Michigan Ave.; cost, $25,000.

Horatio L. Waite, two-st'y dwell., 4917 Madison Ave.; cost, $6,000.

Detroit, Mich.—Alfred L. Lewis, two frame dwells., Humboldt Ave., near Kirby Ave.

Dumas & Leduc, brick dwell. and stores, Michigan Ave., near Twelfth St.; cost, $8,000.

E. A. Walshe & Son, architects for C. W. O'Brien, pressed-brick and stone dwell., Palmer Ave.; cost, $9,000.

Lawrence Depew, brick dwell., Forest Ave.; cost, $12,000; architect, A. C. Varney.

John Mellish, brick dwell., Humboldt Ave.; cost, $4,000.

Stephen W. Itsell, pressed-brick and stone dwell., High and Cass Sts.; cost, $15,000; architect, Wm. L. Joy.

D. C. Spaulding, frame dwell., Brigham St.; architect, E. C. Van Leyen.

G. Wheat, frame dwell., cor. Fourteenth Ave. and Pine St.; architects, A. C. Varney & Co.

Mathew Finn, three frame dwells., Horton Ave., near Woodward Ave.; cost, $10,000.

Steil Bros., two frame dwells., Bellevue Ave.; cost, $7,000.

Henry Ivo & Co., brick and frame dwell., North Gratiot Ave.; cost, $5,000.

Dr. J. H. Carstens, pressed-brick and stone dwell. Woodward Ave.; cost, $20,000; architect, R. E. Raseman.

Henry Moesta, brick dwell., Boulevard and Jefferson Ave.; cost, $5,000; architect, R. E. Raseman.

E. P. Berlin, three frame dwells., Chene St.; cost, $9,000; also two-st'y frame double dwell., cor. Livernois and Dix Aves.; cost, $6,000.

W. Shattuck, two brick dwells., Merrick Ave.; cost, $7,000.

E. A. Morris, two-st'y brick dwell., Second and Kirby Aves.; cost, $10,000.

M. W. Seovel, frame dwell., Boulevard; cost, $5,000.

Downer Landing, Mass.— Frame dwell., 40′ x 64′; owner, C. A. Coleman; contract to be let; architects, Loring & Phipps, Boston.

Medford, Mass.— Frame dwell., 36′ x 40′; owner, Mrs. J. A. Phipps; contract to be let; architects, Loring & Phipps, Boston.

New York, N. Y.— *Beekman Ave.*, w s, 55′ n Oak Terrace, three-st'y brick dwell., peak tin and baked clay roof; cost, $7,000; owner, J. A. Keane, 47 Dey St.; architect, Edward Rausch, 44 Court St.

One Hundred and Sixtieth St., s s, 250′ w Elton Ave., three-st'y stone and frame dwell., tin roof; cost, $4,000; owner, Auguste Eichler, 666 East One Hundred and Sixtieth St.; architect, Chris. F. Lohse, 3055 Third Ave.

Harrison Ave., e s, 153′ n Tremont Ave., three-st'y brick and frame dwell., peaked slate and tin roof; cost, $4,000; owner, Frederick A. Fernald, 156 West Tenth St.; architects, Munn & Co., 361 Broadway.

Tremont Ave., n s, 350′ e Hamilton Ave., three-st'y brick and frame dwell., peak shingle roof; cost, $5,000; owner, Hugh N. Camp, 55 Liberty St.; architect, A. F. Leicht, 62 Liberty St.

Buckhout St., n s, 207′ e Morris Ave., 2 three-st'y brick and frame dwells., peak shingle roofs; cost, $11,000; owner, George Heylman, 561 Buckhout St.; architect, J. J. Vreeland, 711½ East One Hundred and Seventy-seventh St.

BUILDING INTELLIGENCE.

Kingsbridge Road, e s, 25′ 6½″ s West One Hundred and Eightieth St., three-st'y brick dwell., tin roof; cost, $10,000; owner, Susan McGinn, s e cor. West One Hundred and Eighty-first St. and Kingsbridge Road; architect, Charles Sidney, 250 West One Hundred and Twenty-fifth St.

West End Ave., w s, 25′ s Ninety-eighth St., 3 three-st'y brick dwells., tin roofs; cost, $48,000; owner, George W. Eggers, 103 West Ninety-third St.; architect, Edward Wenz, 1491 Third Ave.

Perry Ave., w s, 175′ s Scott Ave., three-st'y brick and frame dwell., peak slate roof; cost, $3,500; owner, Wesley E. Bryde, 64 Division St.; architect, John S. Ottman, 331 Madison Ave.

Ninety-fifth St., s s, 371′ w Eighth Ave., 3 three-st'y brick dwells., tin roofs; cost, $42,000; owner, James B. Gillie, 111 West One Hundred and Thirty-first St.; architects, Neville & Bagge, 250 West One Hundred and Twenty-fifth St.

Philadelphia, Pa. — *Columbia Ave. and Eighteenth St.*, dwell.; for W. J. Gilmore; architect, Robert K. Marple, 708 Walnut St.

Spring Garden St., s s, w Thirty-seventh St., three-st'y brick dwell.; builder, Jacob Wenzelberger, 1220 Filbert St.

Orleans St., s s, e Amber St., 35 two-st'y brick dwells.; owner, C. C. Moore & Co., 2001 Forth Broad St.

Eighth St., w 3, n Tivoli St., 2 two-st'y brick dwells.; owner, S. P. Mills, 1243 Cumberland St.

Twenty-seventh St., s s, e Cumberland St., 8 two-st'y brick dwells.; owner, John Polt, 2531 North Twenty-seventh St.

Sixth St., w s, n Ruscomb St., three-st'y brick dwell.; builder, C. Yundt, 2057 Germantown Ave.

Green Lane, w s, s Hamilton St., three-st'y brick dwell.; builder, W. H. Eddleman, 480 Green Lane.

Alaska St., No. 633, three-st'y brick dwell.; builder, Geo. Heisler, 2236 Dickinson St.

A St., e s, s Fishers Lane, two-st'y brick dwell.; owner, S. C. Russell, Fox Chase.

Hagerman St., w s, n Howell St., 4 two-st'y brick dwells.; owner, John W. Rhoads, 3225 Howell St.

Radnor, Pa. — Three-st'y frame and stone dwell., copper roof; architects, Hazelhurst & Huckel, Drexel Building.

Somerville, Mass. — *Craigie St.*, frame dwell., 42′ x 42′; owner and builder, Samuel Waldron; architects, Loring & Gillie, Boston.

Highland Ave., cor. Cedar St., frame dwell., 25.6′ x 50′; owner, W. F. Mansfield; builder, Thomas Viddito.

Rossmore St., three-st'y frame dwell , flat roof, 26′ x 44′; owner, Mrs. Catherine Griffin; builder, Sylvester Woods.

Broadway, No. 561, three-st'y frame dwell., flat roof, 25′ x 50′; owner and builder, Malcolm McLean.

St. Louis, Mo. — Two-st'y brick dwell.; cost, $3,700; owner, S. B. Russell; contractor, Hughes.

Two-st'y brick dwell.; cost, $4,000; owner and contractor, Wm. McMillan.

Two-st'y brick dwell.; cost, $7,000; owner, F. S. Andrews; contractor, H. F. Beinke.

Two-and-one-half-st'y brick dwell.; cost, $4,000; owner and contractor, J. H. Markee.

Two two-and-one-half-st'y brick dwell.; cost, $14,000; owner and contractor, F. H. Busey.

Two-and-one-half-st'y brick dwell.; cost, $5,000; owner, I. Kempf; contractor, L. B. Wright.

Trenton, N. J. — Frame cottage; for Mr. William Gabele; architect, Robert K. Marple, 708 Walnut St.

(*Continued on page* xx.)

In Six Parts, each containing Twenty-two Plates, Eighteen of which are from Photographs specially taken for the Work, and the others from Drawings by the Authors. With Letterpress illustrated by numerous Sketches.

ARCHITECTURE

OF THE

RENAISSANCE

IN ENGLAND:

ILLUSTRATED BY A SERIES OF VIEWS AND DETAILS FROM BUILDINGS ERECTED BETWEEN THE YEARS 1560–1630, WITH HISTORICAL AND CRITICAL TEXT;

BY

J. ALFRED GOTCH, F. R. I. B. A.

AUTHOR OF "A COMPLETE ACCOUNT OF THE BUILDINGS OF SIR THOMAS TRESHAM."

ASSISTED BY

W. TALBOT BROWN, A. R. I. B. A.

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OFFICE-BUILDINGS.

Philadelphia, Pa.—When the work on the front of the old Philadelphia National Bank is completed and the offices moved to that part of the building, the rear will be torn down and a five-st'y building with a corridor running through to the Ranstead Place will be erected for offices. The corridors will be wainscoted and have marble floors; owner, Philadelphia National Bank; builders, Stacy, Reeves & Sons.

Westmoreland St., cor. Frankford Ave., one-st'y brick office; builder, Dickson Bros., 3045 Frankford Ave.

North Sixth St., No. 2058, one-st'y brick office; owners, David Schuyler & Son, 2054 North Sixth St.

PUBLIC BUILDINGS.

New Decatur, Ala. — Two-st'y brick and stone court-house, to cost about $40,000, will be built from plans by W. Chamberlin & Co., Knoxville, Tenn.

RAILROAD-BUILDINGS.

Chicago, Ill. — Chicago and Northern Pacific Railroad Co., two-st'y depot and flats, Garfield Boulevard and railroad tracks; cost, $4,000; two-st'y depot and flats, Seventy-second St. and railroad tracks; cost, $4,000; two-st'y depot and flats, Fifty-ninth St. and railroad tracks; cost, $4,000.

Chicago and Northern Railroad, two-st'y depot and flats, 7501 Oakley Ave.; cost, $4,000.

SCHOOL-HOUSES.

Chicago, Ill.—Board of Education, three-st'y schoolhouse, 793-811 Spaulding Ave.; cost, $70,000.

Board of Education, two-st'y school-house, 2263-2271 Leavitt St.; cost, $10,000.

Board of Education, three-st'y school-house, Augusta St. and Washtenaw Ave.; cost, $60,000.

Roanoke, Va. — Dr. W. A. Harris, of Staunton, Va., will build a four-st'y building, to cost about $35,000, for the Virginia College for Young Ladies; contractor, George Ware; architects, Wilson & Huggins.

STABLES.

Baltimore, Md.—Charles R. Diffenderffer will build two-st'y brick stable, s e cor. Lovegrove and Adams Alleys.

Boston, Mass. — *Dorset St., rear, No.* 42, Ward 15, one-st'y frame stable, 18′ x 18′; owner and builder, R. J. Gookin.

Creighton St., rear, No. 41, Ward 22, frame stable, 20′ x 20′; owner, T. McLaughlin; builder, P. H. Peno.

BUILDING INTELLIGENCE.

Camden, N. J. — *South Tenth St., No.* 2148, one-st'y frame stable; owner, Mrs. Stuart.

Liberty St., s s, e Locust St., one-st'y frame stable; owner, Robert Wilkinson, 245 Kaighn's Ave.

Walnut Ave., No. 221, one-st'y frame stable; owner, E. A. Morgan.

Chicago, Ill. — F. Starbuck, two-st'y barn, 4053 Lake Ave.; cost, $3,000.

Detroit, Mich. — Detroit Citizens' Street Railway Co., car barns for Woodward Ave. electric system; cost, $25,000; architects, Spier & Rohns.

Hummelstown, Dauphin Co., Pa. — Ground has been broken for a stable for the water company; builder, James Grove.

New York, N. Y. — *East One Hundred and Fourteenth St., No.* 438, two-st'y brick stable, tin roof; cost, $3,000; owner, Guiseppe A. Muliere, 438 East One Hundred and Fourteenth St.; architect, A. Spence, 163 East One Hundred and Twenty-fifth St.

Madison Ave., No. 921, four-st'y brick stable, tin roof; cost, $10,000; owner, John T. Williams, 407 Broadway.

Philadelphia, Pa. — *Edgemont St.*, e s, n Lehigh Ave., two-st'y brick stable; builder, Geo. Roeck, n e cor. Gaul and Clearfield Sts.

Nicetown Lane, cor. Frankford Road, two-st'y brick stable; owners, Davis & McDonald, Cedar Hill, Frankford.

Howell St., No. 3509, one-st'y brick stable; owner, H. Stoop, 3214 Comly St.

Fifth St., e s, n Westmoreland St., one-st'y brick stable; owner, W. Fisher, 3345 North Fifth St.

Chelten Ave., n s, near Chew St., one-st'y brick stable; owner, Geo. Harrison, Chelten Ave., near Chew St.

Lyons Ave., w s, near Eightieth St., two-st'y brick dwell.; builder, Fred Poulson, Lyons Ave.

Main St., e s, n Shurs Lane, two-st'y brick stable; builder, W. T. Raynor, Pechin St., Roxborough.

Charles St., e s, s Taylor St., one-st'y brick stable; builder, S. C. Bradford, 2233 Pratt St.

Hazzard St., No. 1937, one-st'y brick stable; builder, B. T. Theirer, 2625 Jasper St.

Somerville, Mass.—*Knapp St., No.* 22, frame stable, 20′ x 20′; owner, James Cotter.

Dartmouth St., rear, No. 21, frame stable, 23′ x 30′; owner, E. W. Taylor.

Worcester, Mass.—*Main St.*, two-st'y frame stable; owner, Lorin Cors; architects, Fuller & Delano; contractor, J. G. Vandreuil.

STORES.

Chicago, Ill.— Joseph Jager, 2 three-st'y stores and flats, 615-617 Sixty-third St.; cost, $8,000.

Hans Anderson, three-st'y store and flats, 93 Clarkson St.; cost, $5,000.

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Henry Hobbold, three-st'y store and flats, 3218 Wallace St.; cost, $8,000.

S. Levenson, two-st'y store and flats, 346 West Twelfth St.; cost, $12,000.

Gilbert E. Porter, 6 four-st'y stores and flats, 429-433 Fifty-fifth St.; cost, $35,000.

Charles Freedland, four-st'y store and flats, 617 West Erie St.; cost, $10,000.

William Nisson, four-st'y store and flats, 875 North Halsted St.; cost, $6,000.

Charles Peterson, three-st'y store and flats, 766 West Division St.; cost, $9,600.

N. Wolfram, two-st'y store and flats, Diversy and Myrtle Sts.; cost, $3,000.

Joseph Suller, three-st'y store, flats and bakery, 1235 Seventy-fifth St.; cost, $7,500.

George McAllister, two-st'y store and flats, Stewart and Madison Aves.; cost, $3,000.

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BUILDING INTELLIGENCE.

Alfred Blanclin, four-st'y store and flats, 1206 Adams St.; cost, $24,000.

Detroit, Mich. — Fergusson Estate, five-st'y brick and stone store, Woodward Ave.; cost, $60,000.

New York, N. Y.—*Sixty-second St.*, s e cor. Amsterdam Ave., three-st'y brick store, tin roof; cost, $25,000; owner, James Moore, 464 West Twenty-sixth St.; lessee, Bernard Traynor, 149 West Sixty-third St.; mason, Luke A. Burke, 51 Chambers St.

First Ave., w s, bet. One Hundred and Second and One Hundred and Third St., 4 two-st'y brick stores, tin roof; cost, $18,000; owner, James Duffy, 1600 Lexington Ave.; architect, A. Spence, 163 East One Hundred and Twenty-fifth St.

St. Louis, Mo. — Two-st'y brick store and dwell., cost, $3,000; owner, Aug. Spetzbarth; contractor; C. Green.

Two-st'y brick dwell.; cost, $2,500; owner, H. Kaper; contractor, L. Bauer.

Two-st'y brick dwell.; cost, $4,000; owner, S. O'Hearn; contractor, Dunnaway.

Two-st'y brick store building; cost, $7,000; owner, Mrs. J. Moffit; contractors, Millburn & Rice.

TENEMENT-HOUSES.

New York, N. Y. — *One Hundred and Fiftieth St.*, n s, 800' w Courtland Ave., four-st'y brick tenement, tin roof; cost, $13,000; owner, Francis Le Sourd, 555 East One Hundred and Fiftieth St.; architect, M. J. Garvin, 3311 Third Ave.

One Hundred and Thirty-third St., s s, 275' w Tenth Ave., 10 four-st'y brick tenements, tin roofs; cost, $100,000; owner, Luke O'Brien, One Hundred and Eighty-seventh St. and Kingsbridge Road; architect, John Kirkpatrick, 252 West One Hundred and Forty-fourth St.

WAREHOUSES.

Baltimore, Md. — Burrough Bros. Mfg. Co. will build six-st'y brick warehouse, s s Lombard St., bet. Paca and Greene Sts.

Chicago, Ill. — E. L. Haf, two-st'y warehouse, Lake Ave. and Forty-second St.; cost, $10,000.

Lockwood & Strickland, two-st'y warehouse, 4917-4923 Halsted St.; cost, $15,000.

S. Dickinson, three-st'y seed warehouse, 1620-1642 South Clark St.; cost, $16,000.

McCormick Manufacturing Co., four-st'y warehouse, South Leavitt St. and railroad tracks; cost, $100,000.

Jacksonville, Fla. — Robinson & Selden will build six-st'y brick warehouse.

Philadelphia, Pa.—*Lehigh Ave.*, n e cor. Third St., five-st'y brick warehouse; architect, Walter H. Geissinger, Twelfth and Chestnut Sts.

Delaware Ave., s Green St., two-st'y brick warehouse; builders, Cofrode & Evans, Fourth and Walnut Sts.

St. Louis, Mo. — Three-st'y brick warehouse; cost, $6,500; owner, W. Kaime; contractors, B. Weber & Son.

Two-st'y brick warehouse; cost, $7,000; owner Pioneer Keg Works; contractors, Murch Bros.

MISCELLANEOUS.

Boston, Mass. — *Freeport St.*, near Beach St., Ward 24, three-st'y frame planing mill, flat roof, 70' x 75'; owner and builder, A. D. Poole.

Brockton, Mass. — *Main St.*, two-st'y brick block, flat roof, 60' x 60', stone trimmings; owners, Windom Safe Deposit Vault Co.; contract to be let; architects, Loring & Phipps, Boston.

Chicago, Ill. — City of Chicago, police station, additions and alterations to barn, etc., 240-244 East Chicago Ave.; cost, $25,000.

James Afams, two-st'y coffee-house and gymnasium, 242-244 West Polk St.; cost, $10,000.

National Wheelman's Association, four-st'y clubhouse and flats, 5517-5519 Madison Ave.; cost, $20,000.

C. M. Brennan, 5 two-st'y halls, lunch rooms and sheds, Stony Island Ave. and Sixtieth St.; cost, $15,000.

Lakeside Club, four-st'y club-house, 4200-4206 Grand Boulevard; cost, $125,000.

There have been some advance in prices in building materials which doubtless has some tendency toward checking new enterprizes; these advances possibly are due to anticipated demand in the near future also to present troubles at factories now being adjusted, and are regarded as probably temporary.

San Salvador Club, three-st'y club-house, Everett Ave. and Fifty fifth St.; cost, $10,000.

C. D. Wetherell, two-st'y foundry, 146-148 Thirty-first St.; cost, $7,000.

Henry J. Luders, two-st'y bakery and barn, 816-822 Fulton St.; cost, $10,000.

Detroit, Mich. — R. H. Fyfe, business block, Woodward Ave.; cost, about $20,000; architects, Mortimer L. Smith & Son.

Diamond Match Co., four-st'y brick building, Eighth St.; cost, $20,000; architect, G. W. Lloyd.

Philadelphia, Pa. — *American St.*, w s, n Huntingdon St., 3 two-st'y brick buildings; builders, Kister & Orem, 129 South Seventh St.

North Fortieth St., No. 1130, one-st'y carriage-house; owner, Jas. J. Ryan, 1130 North Fortieth St.

Master St., s s, w Thirty-first St., two-st'y brick wash house; owners, G. F. Rothacker & Sons, s w cor. Thirty-first and Master Sts.

Fairmount Ave., s s, e Seventeenth St., one-st'y brick dye-house; builder, Geo. L. Sipps, 219 Walnut St.

Fifty-eighth St. and B. & O. R. R., one-st'y brick machine shop; owners, E. Brady & Sons, 1113 Cathedral St., Baltimore, Md.

Hope St., w s, n Clearfield St., two-st'y stockhouse; builder, Harry Brocklehurst, 514 Norris St.

The drawings of Thomas P. Lansdale, Fourth and Walnut Sts., has been chosen for the Reading City Young Men's Christian Association Building.

Filmore St. and Indiana Ave., brick and stone storehouse; owners, Hoyle, Harrison & Kaye; architect, Walter H. Geissinger, s w cor. Twelfth and Chestnut Sts.

Worcester, Mass. — *Leicester St.*, three-st'y frame storehouse; owner, L. B. Butler; contractor, C. J. Warren.

Millbury St., one-st'y frame club-house; owner, M. H. Doyle; day work.

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[At Boston, Mass.]

BOSTON, December 23, 1892.

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Sealed proposals will be received at this office **until 12 M., Tuesday, January 10, 1893,** for Interior Marble Work for the Massachusetts State House Extension.

Plans and specifications may be seen at the office of the architect on and after Tuesday, December 27, 1892.

The commissioners reserve the right to reject any and all bids; and bids received after the time stated will not be considered.

All bids are to be marked "Proposals for Interior Marble Work for the Massachusetts State House Extension, Boston, Mass."

JOHN D. LONG, BENJ. D. WHITCOMB, WM. ENDICOTT, JR. } State House Construction Commissioners.

889

Notice. — Treasury Department, Office Supervising Architect, Washington, D. C., December 20, 1892. The time for opening the proposals for the trench excavation, concrete and stone footings, cut-stone work and brick work of basement and area walls of the United States Post-office, Court-house and Custom-house at Milwaukee, Wisconsin, is hereby extended until two o'clock P. M. on the 10th day of January, 1893. JAS. P. LOW, Acting Supervising Architect. 889

Treasury Department, Office Supervising Architect, Washington, D. C., December 20, 1892. Sealed proposals will be received at this office until 2 o'clock P. M., on the 13th day of January, 1893, and opened immediately thereafter for all the labor and material required to furnish and erect complete either a hydraulic passenger elevator, or a steam passenger elevator in lieu of a hydraulic elevator; and also one direct acting hydraulic freight lift, or a steam lift in lieu of same, required for the new elevator plant for the United States Court-house and Post-office building at Denver, Colorado, in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Denver, Colorado. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any or all bids, and to waive any defect or informality in any bid should it be deemed in the interest of the Government to do so. Proposals must be enclosed in envelopes sealed and marked "Proposal for Furnishing and Erecting Complete One Passenger Elevator and One Freight Lift in the United States Court-house and Post-office Building at Denver, Colorado," and addressed to W. J. EDBROOKE, Supervising Architect. 888

Treasury Department, Office Supervising Architect, Washington, D. C., December 14, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 17th day of January, 1893, and opened immediately thereafter, for all the labor and materials required to put in place complete the cast-iron and Z-bar columns, steel and iron floor, ceiling and roof construction, ceiling light, skylight roof, dormers, etc., complete for the United States Post-office building, Worcester, Mass., in strict accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Worcester, Mass. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids and to waive any defect or informality in any bid, should it be deemed in the interest of the Government to do so. All bids received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Iron Columns, Steel and Iron Floor, Ceiling and Roof Construction, etc., for the United States Post-office building, Worcester, Mass.," and addressed to W. J. EDBROOKE, Supervising Architect. 888

Treasury Department, Office Supervising Architect, Washington, D. C., December 14, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 17th day of January, 1893, and opened immediately thereafter, for furnishing all the labor and materials and fixing in place complete, the low-pressure, return-circulation, steam-heating and ventilating apparatus required for the United States Court-house, Post-office and Custom-house building at Bay City, Michigan, in accordance with the drawings and specification, copies of which may be had at this office or the office of the Superintendent at Bay City, Michigan. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for a Low-pressure, Return-circulation, Steam-heating and Ventilating Apparatus for the United States Court-house, Post-office and Custom-house building at Bay City, Michigan," and addressed to W. J. EDBROOKE, Supervising Architect. 888

Treasury Department, Office of the Supervising Architect, Washington, D. C., December 14, 1892. Sealed proposals will be received at this office until 2 o'clock P. M. on the 12th day of January, 1893, and opened immediately thereafter, for all the labor and materials required for the excavation, foundations, basement and area walls, basement columns and first-floor construction for the United States Post-office building at Columbus, Ga., in accordance with the drawings and specification, copies of which may be had on application at this office or the office of the Superintendent at Columbus, Ga. Each bid must be accompanied by a certified check for a sum not less than two per cent of the amount of the proposal. The right is reserved to reject any and all bids or to waive any defect or informality in any bid, if it be deemed in the interest of the Government to do so. All proposals received after the time stated will be returned to the bidders. Proposals must be enclosed in envelopes sealed and marked "Proposal for Excavation, Foundations, Basement and Area Walls, Basement Columns and First-floor Construction for the United States Post-office building at Columbus, Ga.," and addressed to W. J. EDBROOKE, Supervising Architect. 888

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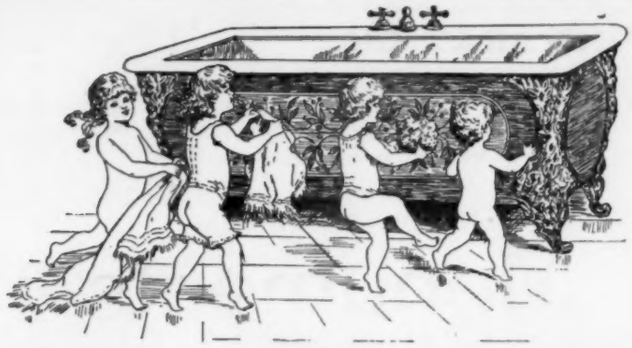

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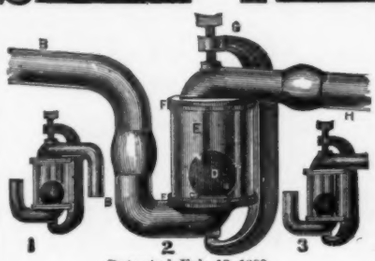

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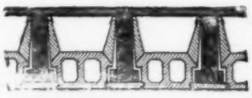

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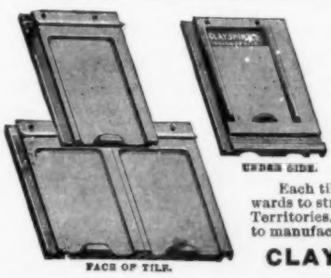

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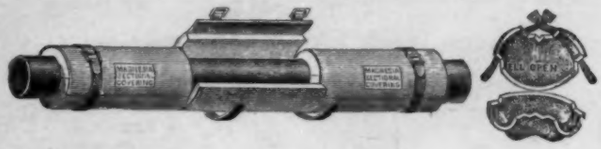

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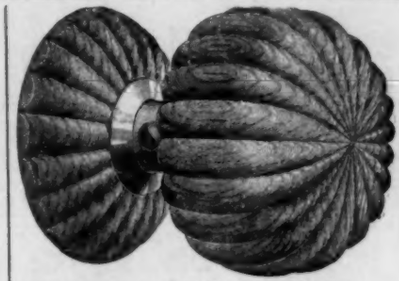

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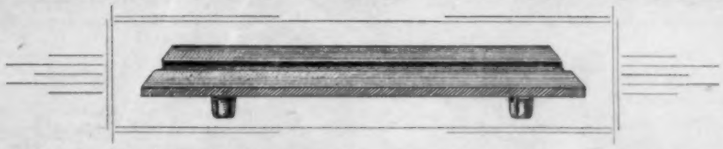

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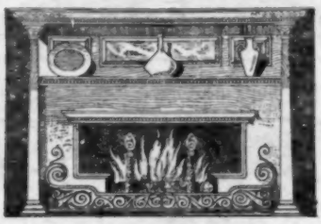

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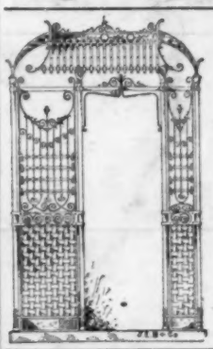

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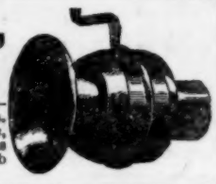

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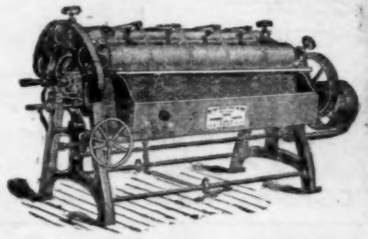

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